

CATALOGUE
ACCESSORIES
FOR GLASSWORKS

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UV Adhesives

UV Lamps

Silicones

Tools

Abrasives

FINISHES



/1
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/2
Gold



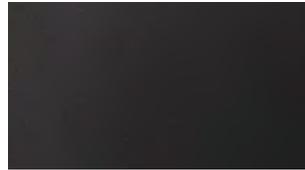
/3
Brushed nickel



/4
Bronze



/5
White



/6
Matt black



/7
Matt chrome



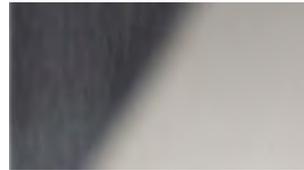
/8
Brushed steel



/9
Machining steel (CNC)



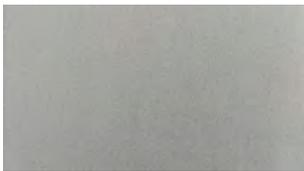
/10
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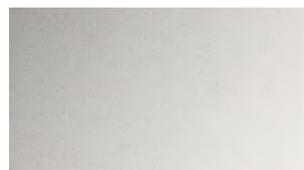
/93
Brass coated



/94
Brushed chrome



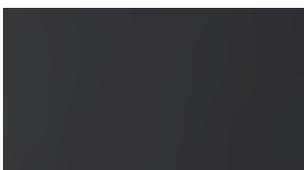
/95
Nickel-coated



/97
Matt aluminium



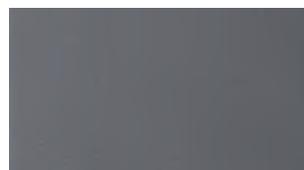
/99
Brushed gold



/R2
RAL9005 matt black



/R6
RAL9016 matt traffic white



/R13
RAL7016 matt anthracite grey



/RAL
RAL9010 polished white

CATALOGUE
ACCESSORIES FOR GLASSWORKS

SINCE 1989

INNOVATION SERVING DESIGN FOR MORE THAN 30 YEARS

Since 1989 we are committed to satisfying the needs of glassworks, installers, and designers, offering advanced solutions that guarantee the utmost comfort. Our mission is to provide high-tech, long-lasting, reliable, high-quality products designed to exceed the expectations of every customer.





INNOVATION AND RESEARCH

OUR TECHNOLOGICAL APPROACH

Thanks to our laboratory and a team of specialised engineers, we are able to design and develop custom solutions for glassworks, installers, and interior designers. Our highly qualified personnel provide constant customer support through technical consultation and training courses.

Active collaboration with universities and national and international research institutes such as TÜV, the Politecnico di Milano, CSTB (France), and LSL (Germany) guarantee access to specialized skill and equipment when verifying systems such as balustrades, canopies, doors, and glass partitions. This enables the highest quickness and efficiency in developing new products and supporting customers with ad hoc laboratory tests.





AVIS
TECHNIQUE



ABP
Allgemeines
bauaufsichtliches
Prüfzeugnis

**British
Standard**
6180:2011

UNI 11678:2017

NTC 2018

NBN B 03-004

ALUMINIUM ASSOCIATION
*** EUROPEAN
EURAS
W
AA
ANODISERS ASSOCIATION
Qualanod



• TEST REPORT •
Politecnico di Milano

GINGER
CEBTP

LUCIDEON

Certificates and testing reports apply to selected products depending on the type and intended use.



A close-up photograph of a circular saw blade in motion, cutting through a metal beam. The blade is on the left, and the metal beam is on the right. The background is a bright, slightly blurred industrial setting.

THE WAREHOUSE AND WORKSHOP

EFFICIENCY, WIDE PRODUCT RANGE, AND IMMEDIATE AVAILABILITY

The unique features that makes the Logli brand stand out on the market include facility, personnel, product, and especially the service. With more than 7000 items in stock, we guarantee immediate availability not only of the simplest accessories, but also the most complex systems. Through important investments in four automated vertical warehouses and advanced logistics management, we guarantee order shipments in Italy within 24 hours and quick and prompt delivery.

THE EXPERIENCE AND RESEARCH OF A WORLD LEADER

The 16th of March 2018 marks a crucial moment in our history: joining the prestigious Saint-Gobain Group, a multinational company with a history of over 355 years in design of solutions for sustainable construction. This important step is a clear recognition of the excellence achieved by the company in the field of technological glass solutions.

Future innovation may rely on synergy with other brands in the Group, giving rise to increasingly advanced technological solutions.

The culture of Saint-Gobain, which we have made our own, is based on a set of values expressed in the Behaviour and Conduct Principles: respect for people, law, environment, health, and workplace safety are some of the premises that guide the Group's action and its constant aspiration to become a leader in sustainable construction.



It designs, produces, and distributes materials for safety and comfort that are in all living spaces: Buildings, transport, infrastructure, and many industrial applications.



75 countries

100 One of the TOP 100 innovative companies in the world

168,000 employees

400 patents registered each year

€51.2 billion total turnover 2022

€450 million R&D investments last year

With 355 years behind it, the Group offers next-generation materials and integrated solutions to make 'living spaces' more comfortable and sustainable, contributing to the well-being of people and protecting the planet while situating itself as a global point of reference in the efficient use of natural resources with respect for the environment.



In Italy, Saint-Gobain is present in the fields of construction materials, transport and industry.

2,100 employees

€1 billion turnover 2022

41 sites



CONSTRUCTION

Next-generation materials produced for 90% in our country, designed to create excellent living spaces and improve the quality of daily life through solutions created to build more energy-efficient buildings and reduce consumption and pollutant emissions.



TRANSPORT

Production and worldwide distribution of glass for the automotive, aerospace, rail, naval sectors, and industrial vehicles.



INDUSTRY

A wide range of solutions: abrasives and ceramic products for glass furnaces and steelworks, technical adhesive tapes that constitute a unique high-performance range, and chemical or special construction products.



SUSTAINABILITY FOR SAINT-GOBAIN: A GROUP STRATEGY

In 2020, the Saint-Gobain Group declared its corporate purpose: *'Making the world a better home'*. Its ambition is to improve the life of everyone, making the planet a more equitable and sustainable place to live, which is also open and inclusive. Together with and for our customers, **we design materials and solutions that guarantee well-being, living comfort, and safety, while taking care to protect the planet.**

Our corporate purpose is a call to action, a strategy aimed at the future that encourages innovation while respecting the union between humanity and nature.

Saint-Gobain **aims to be recognized as a world leader in sustainable building**, improving the daily life of all those using its products. **This commitment not only regards our operations and processes, but also marketing solutions that actively contribute to reaching the decarbonisation objectives of the sector.**

Being a leader means promoting a systemic transformation, embracing values, commitments, and actions that guide the change, becoming a point of reference for all stakeholders.

The geographical organization of the Group can offer custom solutions for the specific needs of local markets in terms of construction methods or styles, building systems, and different climate characteristics, both in renovation of existing buildings and in new construction.

**MAKING
THE WORLD
A BETTER
HOME**

BETTER FOR THE PEOPLE, BETTER FOR THE PLANET

Like Saint-Gobain, we embrace our social and environmental responsibility as an opportunity to create value together with our stakeholders. In fact, by creating mutual trusting relationships, we believe we can increase awareness about issues of sustainability and create virtuous cycles for the long-term business path.



BETTER FOR THE PEOPLE

For employees, collaborators, suppliers, and partners, this means expanding the 'company culture' through solid governance, **attention for health and safety, constant training, and the creation of an inclusive working environment.**

For local communities, we are dedicated to supporting **solidarity initiatives through the Saint-Gobain Foundation** and we support young talent by promoting the **Architecture Student Contest**, an annual competition dedicated to students of architecture and construction engineering around the world.



BETTER FOR THE PLANET

More than other sector, construction can influence the future of the planet, so **buildings and sustainability represent an unavoidable combination.**

Our production impacts the environment in terms of emissions, energy consumption, water use, and natural resources. The value of the Group consists of **products and sustainable and efficient production methods, designed to minimise environmental impacts** in manufacturing processes and engineered to **maximise performance** during the entire life cycle of the buildings, contributing significantly to the objectives of decarbonisation and circularity in the industry. Saint-Gobain Italia is ISO 14001:2015 and ISO 9001:2015 certified.

OUR COMMITMENT TO THE ENVIRONMENT

Contributions that our materials may bring to different sustainability certifications.



Reducing energy consumption and pollutant emission

is one of the main objectives of Saint-Gobain, which develops, produces, and distributes innovative solutions to create more energy-efficient buildings.

The development of a **passive envelope**, which contributes to energy retention, is the most economically sustainable solution for making buildings more efficient.



Many of our products contain recycled materials.

We are constantly dedicated to increasing recycled content, contributing to reducing the consumption of raw materials and environmental impacts tied to their life cycle.



The Saint-Gobain Group has developed different projects

that aim to **enhance waste**, decrease energy consumption, and use less raw material.



The Life Cycle Assessment (LCA) is very important. This study assesses the material and energy flows associated with the different stages in the life of a product (extraction of raw materials, production, use, final disposal). The goal of the assessment is to analyse the impacts associated with the different phases in the life of the product in order to optimise production processes with respect to environmental sustainability.



Closely connected to the Life Cycle Assessment is EPD® (Environmental Product Declaration) Certification.

The purpose of this is to convey environmental information deriving from the LCA in a format and based on predefined common rules, the PCR (Product Category Rules). Many products manufactured by the Saint-Gobain Group carry this certification.



The extensive presence of Saint-Gobain in Italy, with production units and logistics centres around the country, limits road transport and thus pollution, favouring the **spread of local materials.**



In promoting a responsible and conscious environmental attitude, Saint-Gobain has decided to become a member of the GBC Italia association.

STANDARDS OF ENVIRONMENTAL SUSTAINABILITY



The **LEED V4.1** standard, which supports the existing LEED v4 standard, is based on a system of prerequisites and credits for design, construction, and management of buildings and sustainable areas.



The **BREEAM** (Building Research Establishment Environmental Assessment Method) system is based on verifying design, construction, and use of the building.



The purpose of the **WELL** protocol is to integrate aspects connected to personal health and well-being in building project design and construction.



With the enactment of the new Contract Code in Italy, **CAM** were updated with Italian Ministerial Decree 23 June 2022 on the assignment of design services and work on new constructions, restorations, and maintenance of public buildings.





2024 COLLECTION

6 VOLUMES

1750 PAGES

The first series consisting of 6 volumes that covers the entire range of glass solutions designed by Logli. The collection is designed to provide a complete, detailed overview of all the articles offered by Logli.

Each volume deals extensively with a specific product series, offering technical information combined with practical applications.

It is the ideal compendium for those looking for high-quality glass solutions.

All volumes are
available for download by
scanning the QR code.



All **Logli solutions**
in a **single** place.

Volume 1
BALUSTRADES

Volume 2
OUTDOORS

Volume 3
INDOORS

Volume 4
SHOWERS

Volume 5
ARRANGEMENT

Volume 6
ACCESSORIES FOR GLASSWORKS





ACCESSORIES FOR GLASSWORKS





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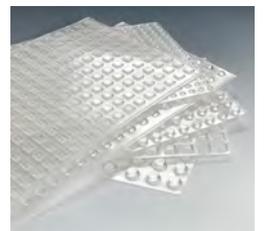
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UV BONDING







ADHESIVES FEATURES

TYPE OF ADHESIVE	FIXGLASS UV 627	FIXGLASS UV 635	FIXGLASS UV 10	FIXGLASS UV 630	FIXGLASS UV 621	FIXGLASS UV 629
Catalysis	UV LAMP 	Visible light 	Visible light 	UV LAMP 	Visible light 	UV LAMP 
Catalysis with FXATT activator				●		●
Float glass	●	●	●	●	●	●
Tempered glass						●
Laminate glass		●	●		●	
Metal / Stainless steel				●	●	
Metal / Aluminium						●
Plastic*						
Porous materials*						
Applications that rely on capillary action	●	●	●		●	
Vertical applications (does not drip)						
Open glass constructions	●	●	●	●	●	
Closed glass constructions			●			●
Suitable for high-humidity environments						●
Type of resin	Urethane Acrylate	Urethane Acrylate	Urethane Acrylate	Acrylate	Acrylate	Acrylate
Colour	Transparent	Transparent	Transparent	Translucent	Translucent	Transparent
Viscosity [mPa.s]	Liquid 20–100	Liquid 20–100	Liquid 40–90	Medium 800–1200	Medium 550–1000	Dense 700–1400
Consistency	Rigid	Rigid	Rigid	Very Rigid	Very Rigid	Semi Rigid
Pre-fixing time [s]	5	5	5	5	5	5
Min. hardening time [s]	50	30	30	50	15	50

(*) Given the large variety of plastic materials, a test is recommended before proceeding with the final application.

(*) Carefully assess the porosity before proceeding with the final application.



FIXGLASS UV 973	FIXGLASS UV 973 GEL
Visible light 	Visible light 
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
Urethane Acrylate	Urethane Acrylate
Transparent	Transparent
Thick 1000–1500	Very thick THIXOTROPIC
Elastic	Elastic
10	3
60	15





FIXGLASS UV 627

Main materials to glue:
Glass with: FLOAT GLASS

UV LAMP

Main applications:
Applications that exploit capillarity.
Open glass constructions.
Description:
Low-viscosity, transparent UV adhesive.
Applied by capillarity it also enables dosing from the exterior when the glass panes are already in place.

Technical data:
Colour: transparent
Resin: urethane acrylate
Viscosity (Brookfield LVT/25°C) [mPa.s]: 20–100 (liquid)
Consistency: rigid
Flash point [°C]: > 93
Density [g/cm³]: about 1.12
Index of refraction [ND20]: 1.501
UV (UV-A 60 mW/cm² Thickness 0.05 mm) [s]: 15
Final performance [h]: After 12 hours
Max. catalysing thickness [mm]: 3
Fillable thickness [mm]: 0.04–0.1
Temperature resistance [°C]: -40–125
Hardness [Shore D]: 70–80
Elongation [%]: 2.3
Water absorption [mass-%]: < 2.8
Tg [°C] (DSC): 45–60
CTE [ppm/K]: 62
Dielectric constant [10 kHz]: 6.2
Thermal conductivity [W/m·K]: 0.22
Dielectric strength [kV/mm]: 20.4
Shear/compression strength (glass/glass) [N/mm²]: about 16.0
Shear/compression strength (glass/stainless steel) [N/mm²]: about 15.0
Shear/compression strength (glass/aluminium) [N/mm²]: about 16.0
Shear strength (glass/glass) [N/mm²]: about 9.0
Shear strength (glass/steel) [N/mm²]: about 11.5
Shear strength (glass/aluminium) [N/mm²]: about 10.7
Elongation at break [%]: about 13.0
Modulus E [N/mm²]: 420

Art.	Package	Qty
FX627.100	100 g	1 Pc
FX627.250	250 g	1 Pc
FX627.1000	1000 g - ON REQUEST	1 Pc



FIXGLASS UV 635

Main materials to glue:
Glass with: FLOAT/LAMINATE GLASS

VISIBLE LIGHT

Main applications:
Applications that exploit capillarity.
Open glass constructions.
Description:
Low-viscosity, transparent UV adhesive.
Applied by capillarity it also enables dosing from the exterior when the panes are already in place.

Technical data:
Colour: transparent
Resin: urethane acrylate
Viscosity (Brookfield LVT/25°C) [mPa.s]: 20–100 (liquid)
Consistency: rigid
Flash point [°C]: > 93
Density [g/cm³]: about 1.12
UV (UV-A 60 mW/cm² Thickness 1 mm) [s]: 15
Visible light (20-Watt lamp/3 cm distance) [s]: 30
Final performance [h]: After 12 hours
Heat catalysis 120°C [min]: 40
Max. catalysing thickness [mm]: 5
Fillable thickness [mm]: 0.04–0.1
Temperature resistance [°C]: -40–125
Hardness [Shore D]: 70–80
Elongation [%]: 2.3
Water absorption [mass-%]: < 2.8
Tg [°C] (DSC): > 45
CTE [ppm/K]: 62
Dielectric constant [10 kHz]: 6.2
Thermal conductivity [W/m·K]: 0.22
Dielectric strength [kV/mm]: 20.4
Shear/compression strength (glass/glass) [N/mm²]: about 16.0
Shear/compression strength (glass/stainless steel) [N/mm²]: about 15.0
Shear/compression strength (glass/aluminium) [N/mm²]: about 16.0
Shear strength (glass/glass) [N/mm²]: about 9.0
Shear strength (glass/steel) [N/mm²]: about 11.5
Shear strength (glass/aluminium) [N/mm²]: about 10.7
Elongation at break [%]: about 13.0
Modulus E [N/mm²]: 420

Art.	Package	Qty
FX635.100	100 g	1 Pc
FX635.250	250 g	1 Pc
FX635.1000	1000 g - ON REQUEST	1 Pc

**FIXGLASS UV 10**

Main materials to glue:
Glass with: FLOAT/LAMINATE GLASS

VISIBLE LIGHT 

Main applications:
Applications that exploit capillarity.
Open/closed glass constructions.
Description:
Low-viscosity, transparent UV adhesive.
Applied by capillarity it also enables dosing from the exterior when the panes are already in place.

HIGH HUMIDITY RESISTANCE

Technical data:
Colour: transparent
Resin: urethane acrylate
Viscosity (Brookfield LVT/25°C) [mPa.s]: 40–90 (liquid)
Consistency: rigid
Flash point [°C]: > 90
Density [g/cm³]: about 1.15
Index of refraction [ND20]: 1.4714
UV (UV-A 60 mW/cm² Thickness 0.05 mm) [s]: 15
Visible light (20-Watt lamp/3 cm distance) [s]: 30
Final performance [h]: After 12 hours
Max. catalysing thickness [mm]: 3
Fillable thickness [mm]: 0.04–0.1
Temperature resistance [°C]: -40–140
Hardness [Shore D]: 75–85
Elongation [%]: 2.4
Water absorption [mass-%]: < 1.0
CTE [ppm/K]: 95
Shear/compression strength (glass/glass) [N/mm²]: about 14.0
Shear/compression strength (glass/stainless steel) [N/mm²]: about 12.0
Shear/compression strength (glass/aluminium) [N/mm²]: about 11.0

Art.	Package	Qty
FX10.100	100 g	1 Pc
FX10.250	250 g	1 Pc
FX10.1000	1000 g - ON REQUEST	1 Pc

**FIXGLASS UV 630**

Main materials to glue:
Glass with: METAL/STAINLESS STEEL/
FLOAT GLASS

UV LAMP 

Main applications:
Solutions subject to both static and dynamic loads.
Open glass constructions.
Description:
Medium viscosity, translucent UV adhesive.
Thank to its high mechanical strength, it is ideal for bonding glass/stainless steel subject to significant loads.

Activator Art. FXATT

Technical data:
Colour: translucent
Resin: acrylate
Viscosity (Brookfield LVT/25°C) [mPa.s]: 800–1200 (medium)
Consistency: very rigid
Flash point [°C]: >95
Density [g/cm³]: about 1.12
UV (UV-A 60 mW/cm² Thickness 1 mm) [s]: 15
Final performance [h]: After 12 hours
Heat catalysis 120°C [min]: 40
Catalysis with activator [min]: 25
Max. catalysing thickness [mm]: 3
Fillable thickness [mm]: 0.09–0.5
Temperature resistance [°C]: -40–150
Hardness [Shore D]: 70–80
Elongation [%]: 3.3
Water absorption [mass-%]: < 2.8
Tg [°C] (DSC): 40–60
CTE [ppm/K]: 62
Dielectric constant [10 kHz]: 6.2
Thermal conductivity [W/m·K]: 0.22
Dielectric strength [kV/mm]: 18.7
Shear/compression strength (glass/glass) [N/mm²]: about 12
Shear/compression strength (glass/stainless steel) [N/mm²]: about 18
Shear/compression strength (glass/aluminium) [N/mm²]: about 8
Shear strength (glass/aluminium) [N/mm²]: > 15
Shear strength (glass/steel) [N/mm²]: > 14
Elongation at break [%]: about 8
Modulus E [N/mm²]: 420

Art.	Package	Qty
FX630.100	100 g	1 Pc
FX630.250	250 g	1 Pc
FX630.1000	1000 g - ON REQUEST	1 Pc

**FIXGLASS UV 621**

Main materials to glue:
Laminate glass with: FLOAT GLASS
LAMINATE/METAL/STAINLESS STEEL

VISIBLE LIGHT 

Main applications:
Solutions subject to both static and dynamic loads. Open glass constructions.
Description:
Medium viscosity, translucent UV adhesive.
Ideal for bonding metal and laminate glass.

Technical data:
Colour: translucent
Resin: acrylate
Viscosity (Brookfield LVT/25°C) [mPa.s]: 550–1000 (medium)
Consistency: very rigid
Flash point [°C]: >95
Density [g/cm³]: about 1.12
UV (UV-A 60 mW/cm² Thickness 1 mm) [s]: 15
Visible light (400–500 nm) [s]: 15
Heat catalysis 120°C [min]: 40
Final performance [h]: After 12 hours
Max. catalysing thickness [mm]: 5
Fillable thickness [mm]: 0.07–0.4
Temperature resistance [°C]: -40–150
Hardness [Shore D]: 70–80
Elongation [%]: 3.3
Water absorption [mass-%]: < 2.8
Tg [°C] (DSC): 40–60
CTE [ppm/K]: 62
Dielectric constant [10 kHz]: 6.2
Thermal conductivity [W/m·K]: 0.22
Dielectric strength [kV/mm]: 18.7
Shear/compression strength (glass/glass) [N/mm²]: about 12
Shear/compression strength (glass/stainless steel) [N/mm²]: about 18
Shear/compression strength (glass/aluminium) [N/mm²]: about 8
Shear strength (glass/aluminium) [N/mm²]: > 15
Shear strength (glass/steel) [N/mm²]: > 14
Elongation at break [%]: about 8
Modulus E [N/mm²]: 420

Art.	Package	Qty
FX621.100	100 g	1 Pc
FX621.250	250 g	1 Pc
FX621.1000	1000 g - ON REQUEST	1 Pc



FIXGLASS UV 629

Main materials to glue:
Glass with: FLOAT/TEMPERED GLASS/
METAL/ALUMINIUM

UV LAMP

Main applications:
Also suitable for very humid
environments. Closed glass constructions.
Description:
High-viscosity, transparent UV adhesive.

HIGH HUMIDITY RESISTANCE

Activator Art. FXATT

Technical data:
Colour: transparent
Resin: acrylate
Viscosity (Brookfield LVT/25°C) [mPa.s]: 700–1400 (dense)
Consistency: semi-rigid
Flash point [°C]: > 100
Density [g/cm³]: about 1.15
Index of refraction [ND20]: 1.499
UV (UV-A 40 mW/cm²) [s]: 25
Heat catalysis 120°C [min]: 15
Final performance [h]: After 12 hours
Catalysis with activator [min]: 1
Fillable thickness [mm]: 0.06–0.3
Temperature resistance [°C]: -25–120
Hardness [Shore D]: 60–70
Elongation [%]: 0.32
Water absorption [mass-%]: <1.5
Shear/compression strength (glass/glass) [N/mm²]: about 14.5
Shear/compression strength (glass/stainless steel) [N/mm²]: about 17.7
Shear/compression strength (glass/aluminium) [N/mm²]: about 12.6
Elongation at break [%]: about 7.1

Art.	Package	Qty
FX629.100	100 g	1 Pc
FX629.250	250 g	1 Pc
FX629.1000	1000 g - ON REQUEST	1 Pc



FIXGLASS UV 973

Main materials to glue:
Glass with: FLOAT/TEMPERED/LAMINATE
GLASS/METAL/ALUMINIUM/
PLASTIC
Porous materials

VISIBLE LIGHT

Main applications:
Solutions subject to impacts and vibrations,
even in very humid environments.
Closed glass constructions.
Description: High-viscosity, transparent UV
adhesive. Elastic adhesive indicated for solutions
subject to impacts and vibrations.
HIGH HUMIDITY RESISTANCE

Technical data:
Colour: transparent
Resin: urethane acrylate
Viscosity (Brookfield LVT/25°C) (dense) [mPa.s]: 1000–1500
Consistency: elastic
Flash point [°C]: > 93
Density [g/cm³]: about 1.1
Index of refraction [ND20]: 1.4718
UV (UV-A 60 mW/cm²) [s]: 10
Visible light (9 W Röhre) [s]: 60
Final performance [h]: After 12 hours
Max. catalysing thickness [mm]: 5
Fillable thickness [mm]: 0.09–0.5
Temperature resistance [°C]: -50–150
Hardness [Shore A]: 70–80
Elongation [%]: 4.3
Water absorption [mass-%]: < 0.8
Tg [°C] (DSC): > -45
Shear/compression strength (PC/PC) [N/mm²]: about 2.1
Shear/compression strength (PC/PMMA) [N/mm²]: about 2.5
Shear/compression strength (PC/FR4) [N/mm²]: about 2.4
Shear strength (glass/glass) [N/mm²]: about 5.7
Shear strength (glass/aluminium) [N/mm²]: about 3.4
Shear strength (glass/steel) [N/mm²]: about 2.6
Elongation at break [%]: about 204
Modulus E [N/mm²]: 1.4

Art.	Package	Qty
FX973.100	100 g	1 Pc
FX973.250	250 g	1 Pc
FX973.1000	1000 g - ON REQUEST	1 Pc

FIXGLASS 973 UV GEL

Main materials to glue, glass with: METAL/ALUMINIUM
FLOAT/TEMPERED/LAMINATE GLASS/PLASTIC/POROUS MATERIALS
Main applications: Also suitable for very humid environments.
Vertical applications DOES NOT DRIP. Open/closed glass constructions.
Description: Thixotropic, transparent UV adhesive. Thanks to its elasticity on the Shore A
hardness scale, it is ideal for bonding glass/glass, glass/metal subject to vibrations
or impacts, even vertically. **HIGH HUMIDITY RESISTANCE**

Technical data:
Colour: transparent
Resin: Urethane acrylate
Viscosity: thixotropic (very dense)
Consistency: elastic
Flash point [°C]: > 93
Density [g/cm³]: about 1.1
UV (UV-A 60 mW/cm²): 5 sec.
Max. catalysing thickness [mm]: 5
Visible light (400–480 nm) [s]: 10
Fillable thickness [mm]: 0.09–0.5
Final performance [h]: After 12 hours
Temperature resistance [°C]: -50–150
Hardness [Shore A]: 60–70
Retraction [Vol-%]: 4.3
Water absorption [mass-%]: < 0.8
Shear/compression strength (glass/glass) [N/mm²]: about 6.9



VISIBLE LIGHT

Art.	Description	Qty
FX973GEL.30	FIXGLASS UV 973 GEL adhesive 30 gr	1 Pc
FXGEL03	Disposable plastic nozzle – 5 pc pack	1 Pc



ACTIVATOR FOR UV ADHESIVES

When it is difficult or impossible to activate the adhesive with the lamp, proceed with catalysis of adhesives FX629 and FX630.

Main applications:

For coloured, painted, or laminate glass, bonding counterpoised pieces such as handles.

How to use: Apply on the glass using the brush provided before bonding. The adhesive will be applied on the metal part. Attach the pieces and hold them in place for the required time.

In some cases, the activator may make the glue turn a slightly yellow colour.

Activator for FIXGLASS UV 629 and 630 adhesives



Art.	Package	Qty
FXATT	30 ml	1 Pc



MEASURING NEEDLES

Needles for precise, controlled dosing.

Apply with the adaptor directly to the bottle.

Various diameters depending on the viscosity of the adhesive.

Dispose of the needle after use. Any residue, even partially catalysed, may cause problems with bonding.

Art.	Description	Colour	For adhesive	Qty
FXGH	Mixed doser needles with adaptor for bottles – 5 pc pack			1 Pc
FXGH33	Measuring needle Ø0.33 mm	Orange	FX627 - FX10	1 Pc
FXGH41	Measuring needle Ø0.41 mm	Blue	FX627 - FX10	1 Pc
FXGH58	Measuring needle Ø0.58 mm	Pink	FX621 - FX635 - FX10	1 Pc
FXGH84	Measuring needle Ø0.84 mm	Green	FX621 - FX630 - FX635 - FX10	1 Pc
FXGH1.37	Measuring needle Ø1.37 mm	Amber	FX630	1 Pc
FXADGH	Adaptor for measuring needles to be screwed on to bottles			1 Pc



GUN FOR FIXGLASS UV GEL

Gun for dosing FIXGLASS UV GEL

With precise mechanical movement, it allows for regular, controlled dosing of the adhesive.



Art.	Qty
FXGEL01	1 Pc



TWO-COMPONENT EPOXY RESIN

Main materials to glue:

- Glass with: FLOAT/TEMPERED/LAMINATE GLASS
- METAL/STAINLESS STEEL/ALUMINIUM
- PLASTIC/POROUS MATERIALS

Main applications: Solutions subject to both static and dynamic loads that are not very large. Open glass constructions.

Description: Unloaded two-component epoxy system quick and strong. No solvents required.

How to use: Apply on the glass with the appropriate gun and mixer or by hand, mixing the resin and hardener together with a spatula. Attach the pieces and hold them in place for the required time. Useful for bonding when the use of UV lamps and adhesives is not permitted.



Technical data:

- Resin:
- Colour: straw-coloured
- Resin viscosity (25°C) [mPa.s]: 5000–10000
- Resin density (25°C) [g/ml]: 1.13–1.17
- Hardener:
- Colour: straw-coloured
- Viscosity (25°C) [mPa.s]: 23000–33000
- Density (25°C) [g/ml]: 1.11–1.15
- Gel time (25°C Thickness 2 mm) [s]: 120–240
- Working time (25°C Thickness 2 mm) [s]: 120–180
- Set time (25°C) [min]: 6–7
- Final system:
- Colour: translucent
- Resin: two-component epoxy
- Consistency: Rigid
- Density (25°C) [g/ml]: 1.12–1.16
- Hardness (25°C after 1 h) [Shore D]: 65–70
- Hardness (25°C after 24 h) [Shore D]: 75–80
- Hardness (25°C after 7 days) [Shore D]: 78–83
- Tg (after 7 days at ambient temperature) [°C]: 27–32
- Tg (after 16 h at 40°C) [°C]: 27–32
- Tg (after 3 h at 80°C) [°C]: 33–38
- Shear strength
- (AISI316 stainless steel after 7 days at ambient temperature) [MPa]: 9.0–11.0
- Shear strength
- (AISI316 stainless steel after 16 h at 40°C) [MPa]: 11.5–13.5
- Shear strength
- (AISI316 stainless steel after 3 h at 80°C) [MPa]: 15.0–18.5
- Shear strength
- (Aluminium after 7 days at ambient temperature) [MPa]: 8.5–10.5
- Shear strength
- (Aluminium after 16 h at 40°C) [MPa]: 10.5–12.5
- Shear strength
- (Aluminium after 3 h at 80°C) [MPa]: 16.0–18.0

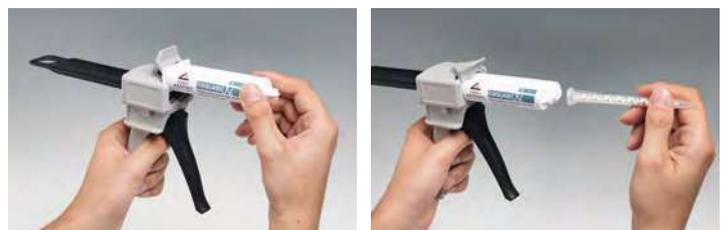
Art.	Description	Qty
FXBC50	Two-component epoxy resin - 50 gr	1 Pc
FXBC03	Mixer for FXBC50	1 Pc
FXBC05	Mixer for FXBC50 – 5-pc pack	1 Pc



GUN FOR FXBC50

Gun for dosing FXBC50.

With precise mechanical movement, it allows for regular, controlled dosing of the two components.



Art.	Qty
FXBC01	1 Pc

**FIXGLASS 1000**

Surface preparative for UV bonding
 Product to clean glass before bonding.
 This is a concentrated alcohol solution (> 99%)
 It cleans and degreases glass, metal, marble.
 Studied specifically for bonding with UV adhesives.
 ON/OFF nozzle
 PRODUCT WITHOUT EXPIRY DATE
 STORE IN A COOL, SHADY ENVIRONMENT
 USE TNT CLOTHS FOR APPLICATION
WARNINGS: GLOVES USAGE IS RECOMMENDED
 PRODUCT FOR PROFESSIONAL USE

Art.	Package	Qty
FX1000	500 ml	1 Pc

**SPRAYER FOR FIXGLASS 1000**

Spare professional sprayer for bottles of FIXGLASS 1000 surface preparative.
 Versatile and robust.
 Designed for comfortable use due to a rounded, ergonomic line and broad lever.
 For frequent use. Made of a durable material.
 Equipped with flow-regulation nozzle.
 Standard supplied pipe with filter .
 Equipped with patented stop that prevents unscrewing.
 Average dose 1.3 ml.

Art.	Qty
FXVP01	1 Pc

**REFILL BOTTLE FOR FIXGLASS 1000**

Surface preparative for UV bonding (refill)
 Product to clean glass before bonding.
 This is a concentrated alcohol solution (> 99%)
 It cleans and degreases glass, metal, marble.
 Studied specifically for bonding with UV adhesives.
 CHILD-PROOF cap
 Bottle equipped with nozzle to facilitate the refill of the 500-ml bottle.
WARNINGS: GLOVES USAGE IS RECOMMENDED
 PRODUCT FOR PROFESSIONAL USE

Art.	Package	Qty
FX2000	2 l	1 Pc

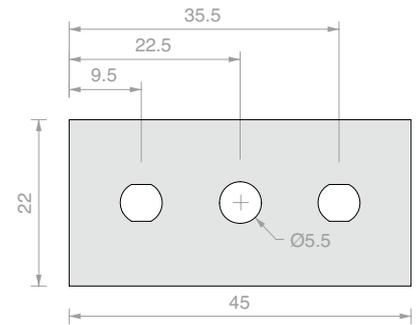
**TNT CLOTH**

Product to clean glass before bonding.
 Does not leave surface residue.
 When used with FIXGLASS 1000, it removes dirt and grease, leaving no streaks.

Art.	Description	Qty
FXTNT01	400 x 250 mm - 50 Cloths	1 Pc



BLADES FOR PLASTIC CUTTING

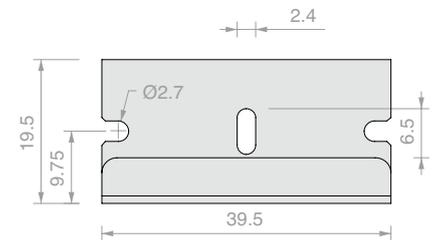


Art.	Thickness	Package	Qty
LAME05	0.20 mm	100 Pc	1 Pc
LAME07	0.15 mm	250 Pc	1 Pc



DISPOSABLE BLADES FOR PLASTIC CUTTING

Replacement blades with single cutting edge for scraping labels, gaskets, etc.
Carbon steel blades
thickness 0.009"/0.23 mm with aluminium base.



Art.	Thickness	Package	Qty
LAME02	0.23 mm	100 Pc	1 Pc



BLACK FELT

Composition: 100% polypropylene
Cohesion support: synthetic latex
Total weight: 620 g/m2 ± 10%
Resistance to fire: BFL-S1
Thickness: 2.5 mm ± 10%

In case of order, the dimension will be rounded up every 0.5 m

Art.	Dimension	Qty
FN4	4000 mm	per m ²



UV BONDING PROTECTIVE GOGGLES

Filter type and lens material: Orange - 'The UV blocking lens'
Properties:

- Protects from UV rays and impacts.
- Protects from UVA rays and visible light up to 525 nm.
- Increases contrast in dim conditions.

Certified according to: EN166/EN170
Marking: 2C - 1.7
VLT (visible light transmittance): 55%
WARNINGS: WEAR WHEN USING UV LAMPS

Suitable for bonding adhesives with **VISIBLE LIGHT**

Art.	Qty
LAMP016	1 Pc



Honle
uv technology

Dr. Heiwe AG
Lechramer Spring 1
D-63166 Grödening

Honle
uv technology

TYP: LED-Line 500 405nm

74500 e0

REF: 16040003

50V

CE

50VAC / 50/60Hz / 0,8A



LEDLINE 500 UV LAMP

Next-generation LED technology – 60 high-intensity LEDs
 Lamp support dimensions: 503 mm x 180 mm x 150 mm – weight 2.8 kg
 Emission window dimensions: 500 mm x 15 mm
 No accessory power supply – connection directly to the mains
 Power: 230 + 10 Volt
 Absorption: 120 Watt
 Wavelength = 365–405 nm **VISIBLE LIGHT**



Instructions included in the package.

- LED TECHNOLOGY FOR REPEATED ON/OFF WITHOUT BULB PROBLEMS
- LONG-LASTING – MORE THAN 20,000 HOURS
- RADIATION DISTRIBUTED UNIFORMLY OVER THE ENTIRE LINEAR SURFACE (the bulbs concentrate the radiation at the focus of the screen), DIFFERENTIAL VOLTAGES ARE AVOIDED DUE TO PROMPT CATALYSIS
- LAMP BODIES MAY BE CONNECTED
- REDUCED CONSUMPTION, JUST 120 W (MORE EFFICIENT THAN A 500-W BULB)
- EXCELLENT RESULTS AFTER JUST A FEW SECONDS OF EXPOSURE
- NO HEATING TIME – INSTANT EFFICIENCY
- PROGRAMMABLE POWER TIMER WITH DUAL SWITCH (from 1 sec to 19 hours or continuous)
- DOES NOT HEAT – PROTECTED PLANE OF SUPPORT
- REMOVABLE ALUMINIUM SPACERS SUPPLIED

WARNING: Use protective glasses and gloves recommended when using the lamps

APPLICATIONS: Catalysis of UV and visible light adhesives for bonding even long glass, metal, or plastic surfaces

Art.	Description	Qty
FXUVLEDLINE365	HONLE LEDLINE 500 lamp, wavelength 365 nm	1 Pc
FXUVLEDLINE405	HONLE LEDLINE 500 lamp, wavelength 405 nm	1 Pc



HAND LED UV LAMP

High-intensity next-generation LED technology for bonding UV adhesives

Lamp support dimensions: 213 mm x 180 mm x 150 mm – weight 1.8 kg

No accessory power supply – connection directly to the mains

Power 230 Volt

Absorption just 64 Watts

Lasts more than 20,000 hours!

Wavelength = 365–405 nm **VISIBLE LIGHT**



Instructions included in the package.

- LED TECHNOLOGY FOR REPEATED ON/OFF WITHOUT BULB PROBLEMS
- LONG-LASTING – MORE THAN 20,000 HOURS
- RADIATION DISTRIBUTED UNIFORMLY OVER THE ENTIRE LINEAR SURFACE
(the bulbs concentrate the radiation at the focus of the screen), GREATER BONDING AREA
- ERGONOMIC AND LIGHTWEIGHT
- REDUCED CONSUMPTION, JUST 64 W
- EXCELLENT RESULTS AFTER JUST A FEW SECONDS OF EXPOSURE
- NO HEATING TIME – INSTANT EFFICIENCY
- DOES NOT HEAT – PROTECTED PLANE OF SUPPORT

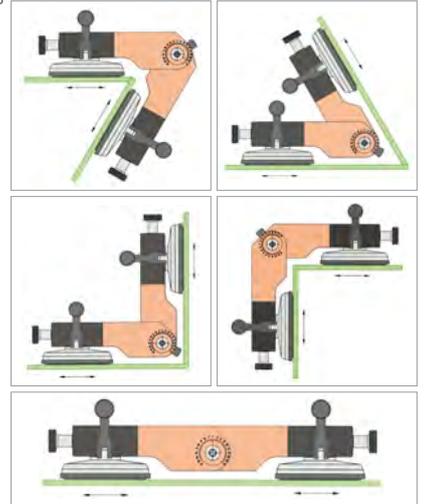
WARNING: Use protective glasses and gloves recommended when using the lamps

Art.	Description	Qty
FXUVLED365	HONLE hand LED UV lamp for bonding at 365 nm	1 Pc
FXUVLED405	HONLE hand LED UV lamp for bonding at 405 nm - VISIBLE LIGHT	1 Pc
FXUVLED001	Container for HONLE Hand LED lamp	1 Pc



SUCTION CUP SUPPORT FOR BONDING WITH VARIABLE ANGLE

Angle adjustable from 40° to 300°
Suction cup Ø120 mm
Suction cup movement 18 mm



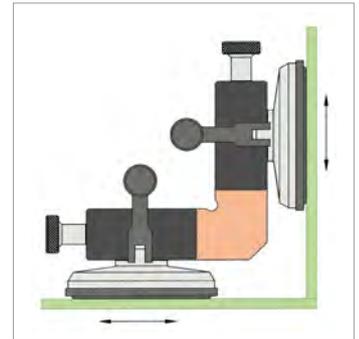
Art.
SUVREGH

Qty
1 Pc



SUCTION CUP SUPPORT FOR BONDING AT 90°

Suction cup Ø120 mm
Suction cup movement 18 mm



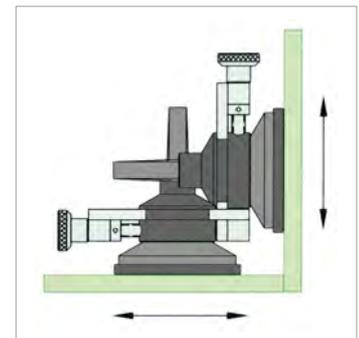
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SUV90I

Qty
1 Pc



SUCTION CUP SUPPORT FOR BONDING AT 90° ADJUSTABLE

Adjustment ± 4 mm.
Suction cup Ø60 mm



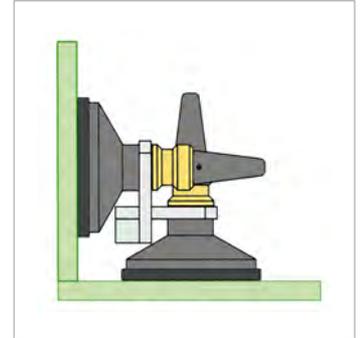
Art.
V90IR

Qty
1 Pc



SUCTION CUP SUPPORT FOR BONDING AT 90°

Suction cup Ø60 mm



Art.

V90I

Qty

1 Pc

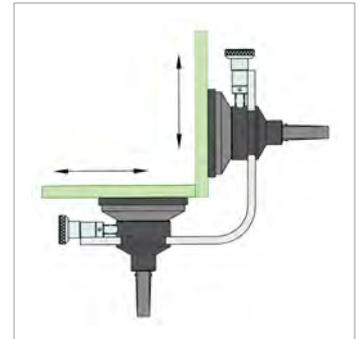


SUCTION CUP SUPPORT FOR BONDING AT 90°

ADJUSTABLE

Adjustment ± 4 mm.

Suction cup Ø60 mm



Art.

V90ER

Qty

1 Pc

SILICONES AND SEALANTS







DW781

Medium/high modulus silicone sealant

Dow Corning® 781 Acetoxysilicone Sealant is a one-part silicone with good adhesion on a wide range of non-porous surfaces including glass, aluminium, painted surfaces and composite panels. Highly resistant to ageing, shrinkage, cracking and discolouring.

Properties

- High strength
- Good elasticity
- 100% silicone
- Solvent-free
- Resistant to ozone, ultra-violet radiation, and extreme temperatures

Technical data:

Property	Unit	Value
Curing system		Acetoxysilicone
Application temperature	°C	from +5 to +40
Specific gravity	g/ml	1.02
Extrusion rate	g/minute	220
Skin time (23°C, 50% UR)	minutes	14
Curing time (23°C, 50% UR)		
1 day	mm	3.0
3 days	mm	5.0

2 mm thickness, weight S2 (ISO 37)

Modulus of elasticity 100%	MPa	0.40
Tensile strength	MPa	1.8
Elongation at break	%	520

T.A. Joint 12 x 12 x 50 mm (ISO 8339/D1N2-8339)

Modulus of elasticity 100%	MPa	0.4
Modulus of elasticity 60%	MPa	0.35
Tensile strength	MPa	0.59
Elongation at break	%	190
Hardness (Shore A)		22
Joint movement capability	%	20

Conforms to ISO 11600-F & G-25HM



TRANSPARENT



BLACK

Art.	Size	Colour	Package	Qty
DW781TR	310 ml	Transparent	12 Pcs	1 Pc
DW781NE	310 ml	Black	12 Pcs	1 Pc



DW784

Silicon sealant for glazing

The Dow Corning® 784 silicon sealant for glazing is a one-part silicone. It offers good adhesion on glass, aluminium and other non-porous substrates for construction. As it contains a fungicide for preventing the growth of mould, it is ideal as a sealant for weatherproofing areas which may be subject to high levels of moisture, such as bathroom and kitchen windows, or areas susceptible to the growth of mould.

Properties

- Protects against mould and fungus (tested in accordance with ISO 846)
- Good elasticity
- 100% silicone
- Resistant to ozone, ultra-violet radiation and extreme temperatures

Technical data:

Property	Unit	Value
Curing system		Acetoxysilicone
Application temperature	°C	from +5 to +40
Specific gravity	g/ml	1.02
Extrusion rate	g/minute	220
Skin time (23°C, 50% UR)	minutes	12
Tack-free time (23°C, 50% UR)	minutes	20
Curing time (23°C, 50% UR)		
1 day	mm	2.0
3 days	mm	4.0

2 mm thickness, weight S2 (ISO 37)

Modulus of elasticity 100%	MPa	0.41
Tensile strength	MPa	1.8
Elongation at break	%	550

T.A. Joint 12 x 12 x 50 mm (ISO 8339/D1N2-8339)

Modulus of elasticity 100%	MPa	0.4
Modulus of elasticity 60%	MPa	0.35
Tensile strength	MPa	0.57
Elongation at break	%	200
Hardness (Shore A)		22
Joint movement capability	%	20

Conforms to ISO 11600-F & G-25LM



TRANSPARENT

Art.	Size	Colour	Package	Qty
DW784TR	310 ml	Transparent	12 Pcs	1 Pc

**DW881****Silicone sealant with high stickiness for glass**

The Dow Corning® 881 high modulus one-part silicone sealant for glass is a product which is particularly well-suited for bonding glass in all situations which require high strength and stickiness, as well as for all applications that require quick curing times, and high levels of resistance to water and ultra-violet radiation.

Properties

- Rapid curing
- High modulus
- Lasting high adhesion to glass
- Resistant to exposure to UV rays
- Resistant to intermittent immersion in water

Technical data:

Property	Unit	Value
Curing system		Acetoxy
Application temperature	°C	from +5 to +30
Workability time	minutes	5
Specific gravity	g/ml	1.1
Curing time (23°C, 50% UR)		
1 day	mm	3.0
3 days	mm	8.0

2 mm thickness, weight S2 (ISO 37)

Modulus of elasticity 100%	MPa	0.50
Tensile strength	MPa	> 2
Hardness (Shore A)		28

The maximum permitted tension in the sealant is 50,000 Pa



TRANSPARENT



BLACK

Art.	Size	Colour	Package	Qty
DW881TR	310 ml	Transparent	12 Pcs	1 Pc
DW881NE	310 ml	Black	12 Pcs	1 Pc

**DW799EU****Mould-resistant silicone sealant**

The Dow Corning® 799 EU Glaze and Go silicone sealant is a low modulus neutral curing one-part sealant which has been specifically developed for sealing and weatherproofing windows. It ensures long-lasting adhesion on the majority of porous and non-porous surfaces, including masonry, brickwork, aluminium, PVC, glass and glazed surfaces. The Dow Corning® 799 EU Glaze and Go sealant is mould-resistant.

Properties

- Neutral curing system
- Low modulus, high elasticity
- Good adhesion without primer on numerous substrates
- Not corrosive for metals
- Easy to apply and work
- Resistant to ultra-violet radiation
- Contains fungicide
- Odourless

Technical data:

Property	Unit	Value
Curing system		Neutral
Application temperature	°C	from +5 to +40
Specific gravity	g/ml	1.03
Extrusion	g/minute	90
Penetration	1/10 mm	100
Skin time (23°C, 50% UR)	minutes	12
Tack-free (23°C, 50% UR)	minutes	18
Curing time (23°C, 50% UR)		
1 day	mm	2.8
3 days	mm	4.3

2 mm thickness, weight S2 (ISO 37)

Modulus of elasticity 100%	MPa	0.31
Tensile strength	MPa	1.3
Elongation at break	%	600

T.A. Joint 12 x 12 x 50 mm (ISO 8339/D1N2-8339)

Modulus of elasticity 100%	MPa	0.3
Tensile strength	MPa	0.55
Elongation at break	%	340
Modulus of rupture% of bonding rupture		100
Hardness (Shore A)		16

Conforms to ISO 11600-F & G-25LM



TRANSPARENT

Art.	Size	Colour	Package	Qty
DW799TR	310 ml	Transparent	12 Pcs	1 Pc



DW796

Alkoxy silicone sealant

The Dow Corning® 796 silicone sealant is a neutral curing, low modulus, one-part silicone, designed specifically for sealing PVC, aluminium, wood, glass, glazed surfaces and brick walls. It is particularly well suited for sealing around the edges of doors and windows.

Properties

- Good adhesion without primer on numerous substrates
- Low modulus, high elasticity
- 100% silicone polymer
- Neutral curing system
- Low odour
- Resistant to ozone and ultra-violet radiation and extreme temperatures

Technical data:

Property	Unit	Value
Curing system		Alkoxy
Application temperature	°C	from +5 to +40
Specific gravity	g/ml	1.52
Extrusion rate	g/minute	210
Skin time (23°C, 50% UR)	minutes	15
Tack-free (23°C, 50% UR)	minutes	35
Curing time (23°C, 50% UR)		
1 day	mm	2.0
3 days	mm	3.5

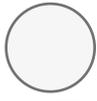
2 mm thickness, weight S2 (ISO 37)

Modulus of elasticity 100%	MPa	0.45
Tensile strength	MPa	1.8
Elongation at break	%	700

T.A. Joint 12 x 12 x 50 mm (ISO 8339/D1N2-8339)

Modulus of elasticity 100%	MPa	0.35
Tensile strength	MPa	0.75
Elongation at break	%	380
Hardness (Shore A)		30
Elastic recovery	%	> 90
Joint movement capability	%	20

Conforms to ISO 11600-F & G-25LM



WHITE



BLACK



GREY



BROWN



DARK BROWN

Art.	Size	Colour	Package	Qty
DW796BI	310 ml	White	12 Pcs	1 Pc
DW796NE	310 ml	Black	12 Pcs	1 Pc
DW796GR	310 ml	Grey	12 Pcs	1 Pc
DW796MA*	310 ml	Brown	12 Pcs	1 Pc
DW796TM*	310 ml	Dark brown	12 Pcs	1 Pc

* AVAILABLE ON REQUEST



DW817

Silicone sealant mirror adhesive

The Dow Corning® 817 mirror adhesive is a one-part silicone sealant for indoor fixing of mirrors, coated glass, or metal panels on a variety of substrates. Once cured, the silicone provides excellent mechanical adhesion and minimal movement of the mirror.

Properties

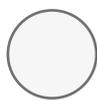
- Non-corrosive, odourless, ready to use, reacts with air moisture
- Excellent adhesion without primer to most glass, metals and mirror coatings
- Particularly resistant to heat and moisture
- High modulus reducing the amount of sealant used
- Resistant to ozone and ultra-violet radiation and extreme temperatures

Technical data:

Property	Unit	Value
Curing system		Neutral
Application temperature	°C	from +5 to +40
Operating temperature range	°C	from -50 to +100
Workability time	minutes	29
Specific gravity	g/ml	1.43
Slump	mm	≤ 3

T.A. Joint 12 mm x 12 mm x 50 mm (ISO 8339)

Hardness (Shore A)		28
Young modulus	MPa	1.2



WHITE

Art.	Size	Colour	Package	Qty
DW817BI	310 ml	White	12 Pcs	1 Pc



BLACK

DW791**Weatherproof silicone sealant**

The Dow Corning® 791 weatherproof silicone sealant is a neutral, low modulus, high quality sealant, specifically designed for sealing glass panels, curtain walls, and building façades.

Also suitable for sealing joints between floors, walls, non-load-bearing walls, stairs, and other types of joints found in a building.

Properties

- Ideal for expansion, connection, perimeter, and other movement joints
- Neutral curing
- Extension/compression capacity up to $\pm 50\%$ of the width of the original joint
- Excellent adhesion on a wide variety of construction materials
- Excellent weather resistance
- Resistant to ozone, ultra-violet radiation and temperature extremes

Technical data:

Property	Unit	Value
Curing system		Alcohol
Extrusion rate	g/minute	220
Workability time (23°C, 50% UR)	minutes	20
Tack-free (23°C, 50% UR)	minutes	30
Curing time (23°C, 50% UR)		
1 day	mm	2.0
3 days	mm	4.0
Specific gravity	g/ml	1.5
Application temperature range	°C	from +5 to +400

Curing - 2 mm thickness S2 dumb-bells (ISO 37/DIN*** 53 504)**

Modulus of elasticity 100%	MPa	0.45
Maximum tensile strength	MPa	1.9
Elongation at break	%	700

Curing - T.A. Joint 12 x 12 x 50 mm (ISO 8339/DIN 2-8339)

Modulus of elasticity 100%	MPa	0.35
Tensile strength	MPa	0.75
Elongation at break	%	380
Hardness (Shore A)		29
Elastic recovery	%	> 90
Joint movement capability	%	± 50

Conforms to ISO 11600-F & G-25LM

Art.	Size	Colour	Package	Qty
DW791NE	310 ml	Black	12 Pcs	1 Pc



TRANSPARENT

DW791T**Weatherproof silicone sealant**

The Dow Corning® 791T weatherproof silicone sealant is a neutral, low modulus, high quality sealant, specifically designed for sealing glass panels, curtain walls, and building façades.

Also suitable for sealing joints between floors, walls, non-load-bearing walls, stairs, and other types of joints found in a building.

Properties

- Ideal for expansion, connection, perimeter, and other movement joints
- Neutral curing
- Extension/compression capacity up to $\pm 50\%$ of the width of the original joint
- Excellent adhesion on a wide variety of construction materials
- Excellent weather resistance
- Resistant to ozone, ultra-violet radiation and temperature extremes

Technical data:

Property	Unit	Value
Curing system		Oxime
Extrusion rate	g/minute	210
Workability time (23°C, 50% UR)	minutes	5-10
Tack-free (23°C, 50% UR)	minutes	15-20
Curing time (23°C, 50% UR)		
1 day	mm	3.0
3 days	mm	4.0
Specific gravity	g/ml	1.03
Application temperature range	°C	from +5 to +400

Curing - 2 mm thickness S2 dumb-bells (ISO 37/DIN*** 53 504)**

Modulus of elasticity 100%	MPa	0.3
Maximum tensile strength	MPa	1.84
Elongation at break	%	500

Curing - T.A. Joint 12 x 12 x 50 mm (ISO 8339/DIN 2-8339)

Modulus of elasticity 100%	MPa	0.32
Tensile strength	MPa	0.43
Elongation at break	%	300
Hardness (Shore A)		23
Elastic recovery	%	> 90
Joint movement capability	%	± 50

Conforms to ISO 11600-F & G-25LM

Art.	Size	Colour	Package	Qty
DW791TTR	310 ml	Transparent	12 Pcs	1 Pc



DW895

Sealant for structural glazing

The Dow Corning® 895 silicon sealant is a one-part silicone for structural glazing. The cured product provides a high level of weatherproofing and high resistance to ultra-violet radiation, heat, and moisture. The high tensile strength means this product is ideally suited to structural bonding applications. Excellent mechanical properties.

Properties

- Meets new European standards for the application of structural sealants, developed by EOTA
- Excellent adhesion to a wide range of substrates, including coated, enamelled and reflective glass, polyester coated and anodized aluminium, and stainless steel profiles
- Neutral curing system, odourless and non-corrosive
- One-part product
- Resistant to ozone and extreme temperatures

Technical data:

Properties - As supplied

Properties - As supplied	Unit	Value
Specific gravity	g/ml	1.43
Slump or flow	mm	0
Tack-free time (25°C, 50% UR)	minutes	60
Curing time (25°C, 50% UR)		
After 24 hours	mm	2.2
After 72 hours	mm	3.5

Cured - After 7 days at 25°C and 50% UR

Hardness (Shore A)	points	38
Ultimate elongation	%	600
Tensile strength at 100% elongation	MPa	0.7
Tensile strength at maximum elongation	MPa	2.85
Tear strength	kN/m	19

H-piece testing

Ultimate elongation	%	260
Tensile strength	MPa	1.06
Young modulus	MPa	1.0
Sealant dynamic design load	Pa	140,000
Sealant static design load	Pa	7000
Operating temperature range	°C	from -50 to +150
Workability time	minutes	15



BLACK

Art.	Size	Colour	Package	Qty
DW895NE	310 ml	Black	12 Pcs	1 Pc





**CLEAR FIX
MS Polymer**

High quality product, strong adhesive/sealant, MS polymer-based one-part product Odourless, neutral, isocyanate-free. After application, it uses atmospheric humidity to cure, forming a lasting rubbery seal.

Properties

- Bonding panels, cornices, windowsills, wood, strips, floor sills, mirrors and insulating materials in the construction sector
- Sealing systems for glass indoors
- Junction joints in buildings
- For kitchens and bathrooms
- For metal junction joints in construction and vehicle bodywork
- Sealant used in the naval construction industry
- Universal plaster for filling cracks and uneven surfaces

Technical data:

Property	Unit	Value
Base		MS Polymer
Application temperature		+5°C to +40°C
Application rate	3 mm/6.3 bar	150 g/min
Slump	ISO 7390	< 2 mm
Specific gravity		1.063 g/ml
Skin time	23°C/55% RF.	10-15 mins
Hardness after 24 hours	23°C/55% RF.	2 mm
Paintable after curing		Yes
Elongation/concentration of the joint		+/- 25%
Resistance to temperature after curing		-40°C to +100°C

Mechanical properties at 2 mm.

Hardness, SHORE A scale (3 s)	DIN 53505	45
Modulus of elasticity 100%	DIN 53504	1.15 Mpa (N/mm ²)
Tensile strength	DIN 53504	2.2 Mpa (N/mm ²)
Elongation at break	DIN 53504	250%



TRANSPARENT
CRYSTALLINE

Art.	Size	Colour	Package	Qty
DWCLETC	290 ml	Transparent crystalline	12 Pcs	1 Pc



**HIGH TACK
For mirrors**

High Tack is a high quality professional adhesive with extremely high adhesion properties. Based on hybrid technology, it uses atmospheric humidity to cure, forming a strong and elastic joint.

High Tack has been specifically developed as a universal adhesive for bonding a number of construction materials, including: stone, cement, mirrors, glass, plasterboard, PU, uPVC, hard plastics, enamel, ceramics, copper, lead, zinc, aluminium, metals, steel, wood, and painted surfaces.

Properties

- Extremely high initial adhesion
- Does not require fixing or support whilst hardening
- High modulus of elasticity and high mechanical strength
- Free from isocyanates, solvents and silicones
- Lasting elasticity
- Does not shrink, bubble-free
- Not corrosive for metals
- Neutral curing, virtually odourless
- Good resistance to weather and moisture
- Adheres perfectly without primer on the majority of surfaces, including wet surfaces

Technical data:

Property	Unit	Value
Base		Hybrid
Application temperature		+5°C to + 40°C
Density		1.57 g/ml
Modulus of elasticity 100%	N/mm ²	1.39 Mpa
Application rate	@ 3 mm/4 bar	20 g/min
Curing time		± 2-3mm/24h
Elongation at break		335%
Slump	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Hardness, Shore A	DIN 53505	55
Skin time	23°C/50% UR	15 mins.
Elongation/concentration of the joint		+/- 25%
Temperature resistance after curing		-40°C/+90°C
Tensile strength	N/mm ²	2.20 Mpa



WHITE

Art.	Size	Colour	Package	Qty
DWHTKBI	290 ml	White	12 Pcs	1 Pc



DOW PRIMER C
For painted surfaces

Dow Corning® Primer C is a bonding promoter solvent to improve sealant adhesion on all painted surfaces.

Properties

- Adhesion promoter for painted surfaces and other plastic surfaces
- Reacts to atmospheric moisture
- Does not stain
- Accelerates adhesion of polyester and paint dust
- Resistant to ozone, ultra-violet radiation, and extreme temperatures

Technical data:

Property	Unit	Value
Coverage rate, non-porous surfaces	ft ² /gal	800
Lineal coverage rate, 1/2" wide joint	ft/gal	10,000
Specific gravity		0.90
Flash point	°C	-4
VOC content	g/L	855



TRANSPARENT

Art.	Size	Colour	Qty
DWPRCTR	250 g	Transparent	1 Pc



DOW PRIMER 1200 OS UV TRACEABLE
For non-porous surfaces

The Dow Corning® 1200 OS UV Traceable Primer is a product that is designed for improving adhesion on non-porous surfaces, such as aluminium profiles, metal, and glass. Contains a small quantity of UV tracer. This enables the correct application of the primer to be checked using a UV lamp.

Properties

- Improves the adhesion of silicon sealants on many substrates
- Provides a more even bond and stronger adhesion
- Suitable for structural applications and for weatherproofing
- Rapid adhesion to surfaces

Technical data:

Property	Unit	Value
Viscosity at 23°C	mPa.s	1
Flash point - closed cup	°C	1
Specific gravity at 23°C		0.82



TRANSPARENT

Art.	Size	Colour	Qty
DWPRPTR	500 ml	Transparent	1 Pc

LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, it is provided solely for information purposes. For more information on individual products, read the technical data sheets carefully, available to download online at www.dowcorning.com. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution preliminary tests which are vital for ensuring that our products are safe and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Logli Massimo SpA warrants only the conformity of the products with the current sales specifications. Any compensation to the user or the liability of Logli Massimo SpA is limited exclusively to the reimbursement of the purchase price or the replacement of any product shown to be other than as warranted. Logli Massimo SpA does not offer any express or implied warranty of fitness for a particular purpose or merchantability.

Limitations of ACETOXY SILICONES

Acetoxy Silicone Sealants should not be used on porous substrates such as concrete, stone, marble, or granite. A Dow Corning® Acetoxy Silicone Sealant must not be used in contact with the external sealing of a double glazing unit. Do not use Acetoxy Silicone Sealants on bituminous substrates, natural rubber substrates, chloroprene, EPDM, or construction materials and flexible plastics which could release oil, plasticisers, or solvents. Do not use Dow Corning® Acetoxy Silicone Sealants in a totally confined space because the sealant requires atmospheric moisture to cure. Because acetoxy acid is released during curing, it can corrode mirror silver and sensitive metals such as copper, brass and lead. For this application, Dow Corning® 817 Mirror Adhesive should be used. Dow Corning® Acetoxy Silicone Sealants are not recommended for use on submerged joints, or in joints where physical abuse or abrasion is likely to occur. These products are not suitable for food contact applications. However, it is listed in the British Regulation for Plumbing Accessories for applications in contact with drinking water, after curing. The use of Dow Corning® Silicone Sealants is not recommended for applications on structural glazing or double glazing.

Limitations of NEUTRAL SILICONES

The use of Neutral Silicone Sealants is not recommended for applications on structural glazing or double glazing. Do not use Neutral Silicone Sealants on bituminous substrates, natural rubber substrates, chloroprene, EPDM, or construction materials which could release oil, plasticisers, or solvents. Do not use Dow Corning® Neutral Silicone Sealants in a totally confined space because the sealant requires atmospheric moisture to cure. The products are not recommended for use on submerged joints or in joints where physical abuse or abrasion is likely to occur. On porous substrates such as concrete, marble, granite, and other natural stone where it may bleed. On sensitive substrates, specific tests must be carried out. These products are not suitable for food contact applications. It is not recommended to use Dow Corning® Neutral Silicone Sealants on surfaces where the temperature is lower than 5°C (41°F), as it is impossible to ensure that the surface is dry at such temperatures.



MANUAL CARTRIDGE GUN

- Open-sided aluminium model, functional, lightweight
- Hexagonal push rod with very high mechanical performance
- Semi-professional, suitable for window fitters, plumbers, tinsmiths, tools and ironmongery

Art.	Qty
DWGUNSTE	1 Pc



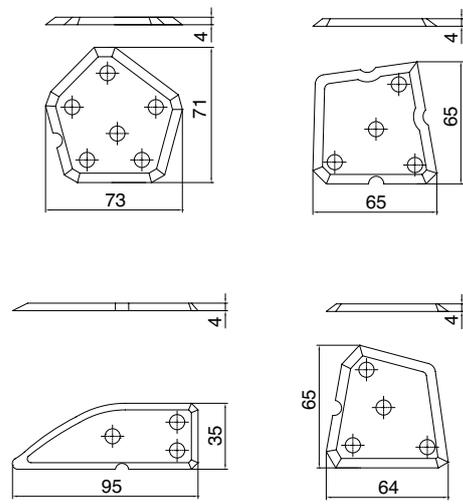
MANUAL CARTRIDGE GUN

- Professional use, practical and lightweight
- Wear compensation mechanism

Art.	Qty
DWGUNSKE	1 Pc



SILICONE SPREADING SPATULAS



Art.	Package	Qty
DWSIL	4 Pcs	1 Pc

ACCESSORIES FOR GLASSWORKS







HARD METAL WHEELS FOR AUTOMATIC GLASS CUTTING

The wheels are used on automatic cutting tables. Just provide us with the brand and type of glass to be cut (float, laminate, low-E) and the type of cut (straight, shaped, circular) and we can tell you the wheel and wheel holder that are required.

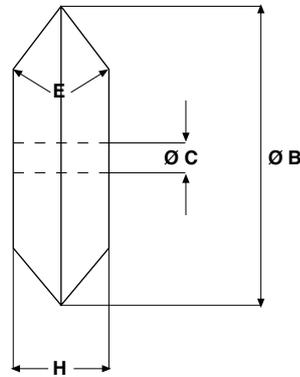
Products on request

For perfect results, each wheel must be selected to suit the application

Sharpening code:

“PL” code: straight, open, or shaped cut for 3 to 10 mm glass

“SC” code: for cutting thick and laminate glass



B = wheel external Ø
H = wheel thickness
C = hole Ø
E = cutting angle between 118° and 165°

The choice of cutting angle “E” depends in particular on the type of cut and the thickness of the glass.
 The choice of wheel also depends on the cutting pressure and speed. The more obtuse the angle, the thicker the glass.

STRAIGHT CUT

Angle	Glass thickness in mm
118°	0.8 – 1
125°	1-2
135°	2-3-4
140°	4
145°	4-5-6-8
150°	8
155°	8-10-12
160°	12-15
165°	15-19

SHAPED CUT

Angle	Glass thickness in mm
135°	1-2
140°	2
145°	3-4
150°	4-5
155°	5-6
160°	6-8
165°	8

To order products, please proceed as follows:
 Select the wheel Ø and the cutting angle “E”

Art.	Dimensions	Features	Sharpening	Package	Qty
TALRO4114	B 4.1 H 1.08 C 1.4 mm	suitable for cutting thin glass or very tight radiuses - open cut - CP4 holder	PL/SC	10 Pcs	1 Pc
TALRO4514	B 4.5 H 1 C 1.4 mm	suitable for pantograph machines - CRD holder	PL/SC	10 Pcs	1 Pc
TALRO5013	B 5 H 1 C 1.3 mm	suitable for straight and shaped cut	PL/SC	10 Pcs	1 Pc
TALRO5015	B 5 H 1.08 C 1.5 mm	suitable for straight and shaped cut	PL/SC	10 Pcs	1 Pc
TALRO5614	B 5.6 H 1.06 C 1.4 mm	suitable for straight cut and wider radiuses, can be used for open cuts - CP4 holder	PL/SC	10 Pcs	1 Pc
TALRO5815	B 5.8 H 1.06 C 1.4 mm	for cutting laminate glass - CP4 holder	PL/SC	10 Pcs	1 Pc
TALRO6015	B 6 H 1.10 C 1.55 mm	for straight and laminate or wide radiuses cut - C holder	PL/SC	10 Pcs	1 Pc
TALRO6016	B 6.22 H 3.05 C 1.6 mm	wheel for cutting very thick glass for 'BOTTERO' and 'BYSTRONIC' machines	PL	10 Pcs	1 Pc
TALRO12030	B 12 H 3 C 3 mm	wheel for cutting very thick glass for 'ALTEA' and 'BOTTERO' machines	PL	10 Pcs	1 Pc

Straight cutting means a cut which allows the cut shape to be easily “detached”, for example a circle or an oval. At the end of the cut, applying gentle pressure and making 4 small external cuts (using a traditional glass cutter) it should be produced perfect circle cut, without splinters.

This information is provided solely for general purposes, you are advised to check the most suitable product for your specific requirements.

**WHEEL HOLDER CP4**

Material: AISI 303 stainless steel

Cutting tables: Bavelloni, Bottero, Hegla, Lisecc, Macotec, Pannkoke

For wheel: Art. RO5614 5.6 mm x 1.08 mm x 1.4 mm

Art.	Package	Qty
TALCP4	10 Pcs	1 Pc

**WIDIA AXELS FOR WHEEL HOLDERS**

Art.	Dimensions	For holder	Package	Qty
TAL1404MD	Ø1.4 x 4.6 mm	CP4	10 Pcs	1 Pc

**TEMPERED STEEL AXELS FOR WHEEL HOLDERS**

Art.	Dimensions	For holder	Package	Qty
TAL13046	Ø1.3 x 4.6 mm	CP3	10 Pcs	1 Pc
TAL14060	Ø1.4 x 6 mm	CRD	10 Pcs	1 Pc
TAL15078	Ø1.5 x 7.8 mm	C	10 Pcs	1 Pc
TAL15098	Ø1.5 x 9.8 mm	CSA - CSD	10 Pcs	1 Pc
TAL15120	Ø1.5 x 11.8 mm	CSM - CSDA	10 Pcs	1 Pc

**PLASTIC CLIP C**

Cutting tables: Bavelloni, Bystronic, GME, Italmec, Hegla, Lisecc, Otem System, Pannkoke

[Products on request](#)

Art.	Wheel dimensions	Package	Qty
TALC	Ø6 mm	10 Pcs	1 Pc

**PLASTIC CLIP CSM-CSDA**

Cutting tables: Bottero Bavelloni, CMS Technologies, GFPm, Macotec, Intermac, Pannkoke, Tuomas

[Products on request](#)

Art.	Wheel dimensions	Package	Qty
TALCSM	Ø5.6 mm	10 Pcs	1 Pc
TALCSDA	Ø5 mm	10 Pcs	1 Pc

**PLASTIC CLIP CSA**

Cutting tables: Copmes, CSM Technologies, Intermac with Ø6 wheel and Forel with Ø5 wheel

For straight, shaped and laminate cut

[Products on request](#)

Art.	Wheel dimensions	Package	Qty
TALCSA	Ø5/6 mm	10 Pcs	1 Pc

**PLASTIC CLIP CRD**

Cutting tables: BA.SE, Bavelloni, GME, pantograph machines

[Products on request](#)

Art.	Wheel dimensions	Package	Qty
TALCRD	Ø4.5 mm	10 Pcs	1 Pc

TABLES FOR SELECTING THE RIGHT CLIP**C Clip**

Angle	Colour	Sharpening	Ø
118°	Yellow	PL	6 mm
127°	Blue	PL	6 mm
135°	White	PL	6 mm
140°	Blue	PL	6 mm
145°	Black	PL	6 mm
150°	Brown	PL	6 mm
155°	Red	PL	6 mm
160°	Green	SC	6 mm
165°	Light green	SC	6 mm

CSDA-CSM Clip

Angle	Colour	Sharpening	Ø
118°	Yellow	PL	5-5.4-5.8 mm
125°	Blue	PL	5-5.4-5.8 mm
135°	White	PL	5-5.4-5.8 mm
140°	Blue	PL	5-5.4-5.8 mm
145°	Black	PL	5-5.4-5.8 mm
150°	Brown	PL	5-5.4-5.8 mm
155°	Red	PL	5-5.4-5.8 mm
160°	Green	SC	5-5.4-5.8 mm
165°	Light green	SC	5-5.4-5.8 mm

CRD Clip

Angle	Colour	Sharpening	Ø
135°	White	PL	4.5 mm
140°	Blue	PL	4.5 mm
145°	Black	PL	4.5 mm
148°	Yellow	PL	4.5 mm
152°	Transparent white	PL	4.5 mm
155°	Red	SC	4.5 mm
158°	Blue	SC	4.5 mm

CSA Clip

Angle	Colour	Cut	Thickness
135°	White	Straight	3-6 mm
135°	White	Shaped	2 mm
145°	Black	Straight	3-8 mm
145°	Black	Shaped	3 mm
145°	Black	Laminate	3+3-10+10 mm
155°	Red	Straight	8-12 mm
155°	Red	Shaped	5-8 mm
155°	Red	Laminate	3+3-10+10 mm
160°	Green	Straight	High Thickness

To order products, please proceed as follows:

Select wheel Ø + PL or SC sharpening**PLASTIC CLIP CSROVI**

Vinyl cutting for tables: Bottero Bavelloni, CMS Technologies, GFPm, Macotec, Intermac, Pannkoke, Turomas.

[Products on request](#)**For straight and shaped cutting of plastic**

Art.	Package	Qty
TALCSROVI	10 Pcs	1 Pc

**PLASTIC CLIP CROVI**

Vinyl cutting for tables: Bavelloni, Bystronic, GME, Italmec, Hegla, Lisecc, Otem System, Pannkoke.

[Products on request](#)**For straight and shaped cutting of plastic**

Art.	Package	Qty
TALCROVI	10 Pcs	1 Pc



MITSUBOSHI CUTTING OIL FOR SHAPED CUT

Use with OIL3132 oil

Art.	Glass thickness	Qty
MITSUBOR-38	From 3 to 8 mm	1 Pc



TOYO METAL GLASS CUTTER WITH TAP WHEEL

Use with OIL3132 oil

Art.	Glass thickness	Cutting angle	Qty
TAG004	From 3 to 12 mm	140°	1 Pc



TOYO PLASTIC GLASS CUTTER WITH TAP WHEEL

Use with OIL3132 oil

Art.	Glass thickness	Cutting angle	Qty
TAG003	From 3 to 12 mm	140°	1 Pc



TUNGSTEN CARBIDE GLASS CUTTER

Art.	Glass thickness	Cutting angle	Qty
TAG013	From 1 to 10 mm	135°	1 Pc



TAG007



TAG016

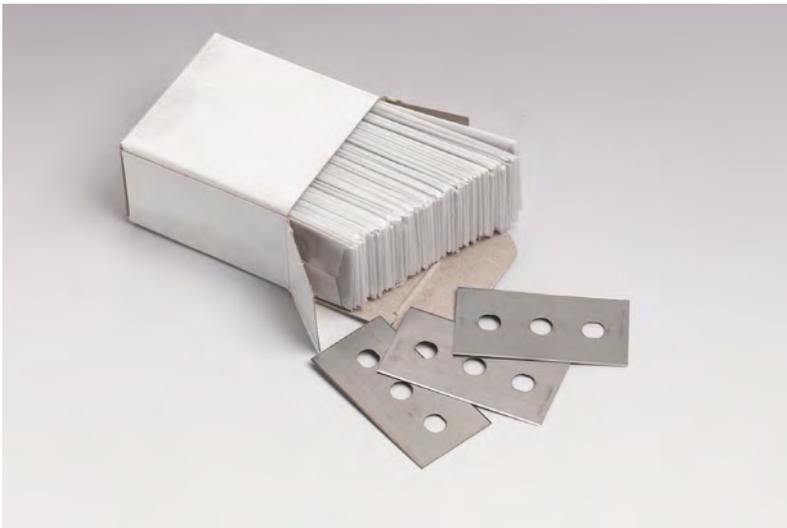
SPARE PARTS FOR GLASS CUTTER

Art.	Description	Qty
TAG007	Spare part for TOYO glass cutter	1 Pc
TAG016	Spare part for TAG013 glass cutter	1 Pc

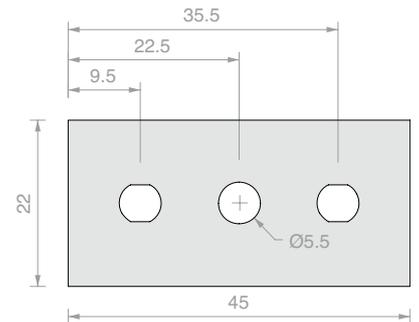


HAMMER GLASS

Art.	Description	Qty
CPH10	Wooden handle, brass head, Ø20 mm	1 Pc
CPH20	Aluminium handle, brass head, Ø20 and Ø14 mm	1 Pc



BLADES FOR PLASTIC CUTTING



Art.	Thickness	Package	Qty
LAME05	0.20 mm	100 Pc	1 Pc
LAME07	0.15 mm	250 Pc	1 Pc

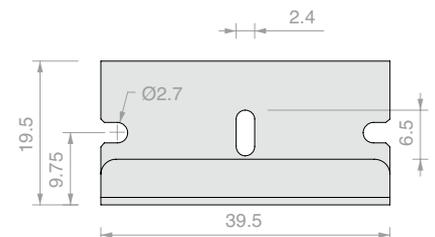


DISPOSABLE BLADES FOR PLASTIC CUTTING

Spare blades with single cutting edge for scraping labels, gaskets, etc.

Carbon steel blades

thickness 0.009"/0.23 mm with aluminium base.



Art.	Thickness	Package	Qty
LAME02	0.23 mm	100 Pc	1 Pc



TANK GLASS CUTTER FOR SERIAL CUTTING

Standard wheel: for glass from 15 to 19 mm (S)

Art.	Length	Qty
TAG600	600 mm	1 Pc
TAG900	900 mm	1 Pc
TAG1200	1200 mm	1 Pc
TAG1500	1500 mm	1 Pc
TAG1800	1800 mm	1 Pc
TAG2100	2100 mm	1 Pc



SPARE PARTS FOR TANK GLASS CUTTER

Art.	Description	Qty
TAG-TK	Container for oil	1 Pc
TAG-PT	Slide pad	1 Pc
TAG-S1519	Wheel S cut 15-19 mm	1 Pc
TAG-T612	Wheel T cut 6-12 mm	1 Pc
TAG-H28	Wheel H cut 2-8 mm	1 Pc



TANK GLASS CUTTER COMPASS

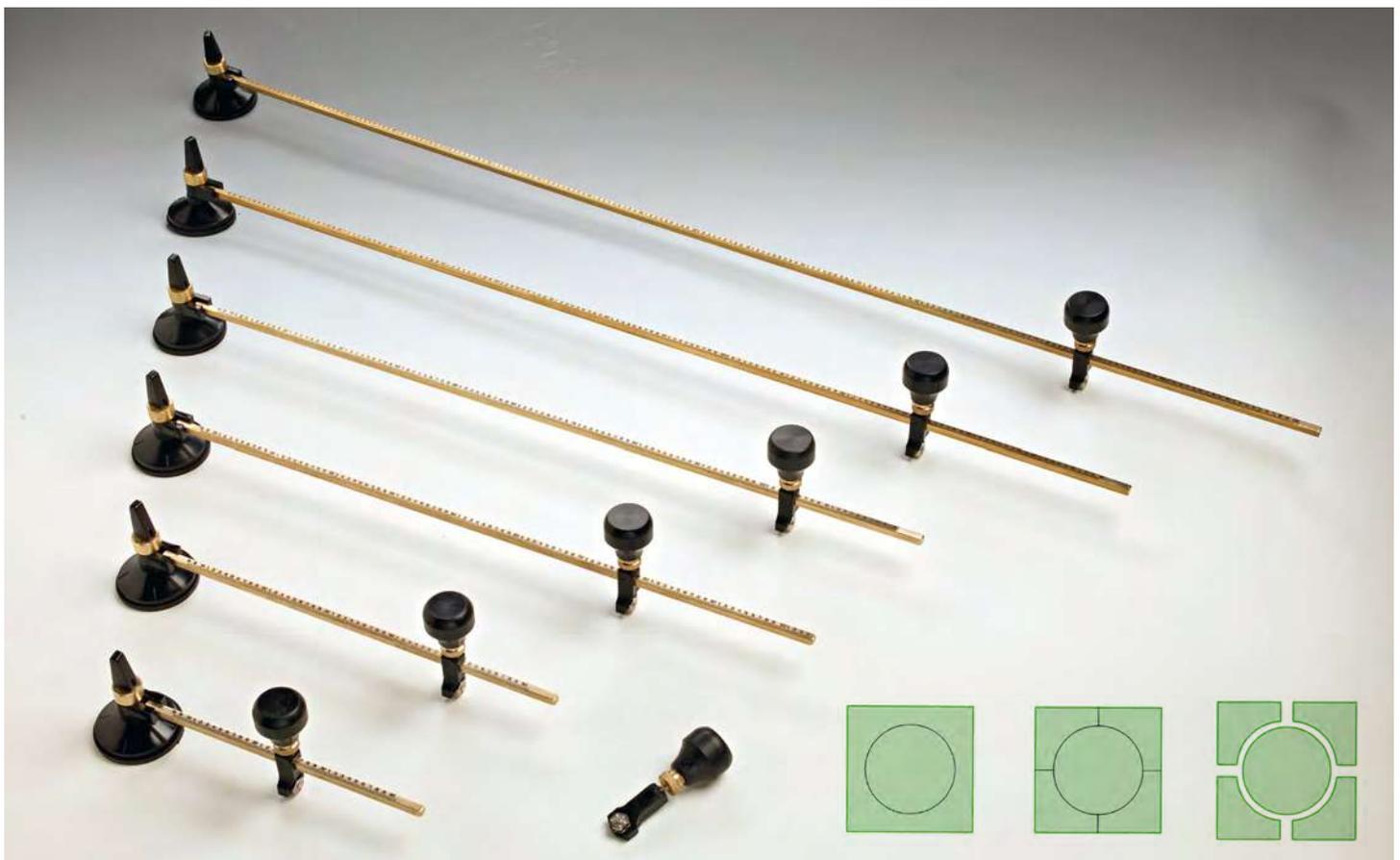
Standard wheel: for glass from 2 to 8 mm (H)

Art.	Length	Qty
CTV600	600 mm	1 Pc
CTV800	800 mm	1 Pc
CTV1000	1000 mm	1 Pc
CTV1200	1200 mm	1 Pc



SPARE PARTS FOR TANK GLASS CUTTER COMPASS

Art.	Description	Qty
CTV01	Container for oil	1 Pc
CTV10	Suction cup Ø73 mm and lever	1 Pc
TCC-H28	Wheel H cut 2-8 mm	1 Pc
TCC-T612	Wheel T cut 6-12 mm	1 Pc
TCC-S1519	Wheel S cut 15-19 mm	1 Pc

**GLASS CUTTER COMPASS**

Graduated bar with cross-hairs on the suction cup for correctly positioning the pane of glass. The cutting action is performed using the rotating knob. Minimum diameter 85 mm. Supplied with wheel with six 135° carbon heads.

- Set diameter using the scale on the ruler
- Fix the head
- Oil the head of the glass cutter
- Rotate a few times to oil the fracture line.
- Start the cut by pressing continuously on the glass with the correct pressure.
- Make some lateral lines using a glass cutter which intercept the circle traced
- Open the line marked by the circle using an accessory (Art. Hammer Glass CPH10)
- Opening will release the circle of glass

Art.	Maximum cutting diameter	Optimum cutting thickness	Qty
CP400	400 mm	3-6 mm	1 Pc
CP600	600 mm	3-6 mm	1 Pc
CP1000	1000 mm	3-6 mm	1 Pc
CP1200	1200 mm	3-6 mm	1 Pc
CP1600	1600 mm	3-6 mm	1 Pc
CP2000	2000 mm	3-6 mm	1 Pc

**SPARE PARTS FOR GLASS CUTTER COMPASS**

Art.	Description	Qty
CPLEV	Lever	1 Pc
CPVEN	Suction cup Ø60 mm	1 Pc
CPOM	Knob with spare glass cutter angle 135°	1 Pc



CUTTING OIL FOR TABLES 3130

Cutting oil ideal for straight and shaped cuts, evaporates slowly allowing for opening of cuts. The residue left on the glass is easy to remove. It is designed to prevent the cutting heads from overheating and its use does not wear the rubber parts of the machines in any way and ensures longevity of the cutting wheel.

Art.	Size	Qty
OIL31301	1 l	1 Pc
OIL31305	5 l	1 Pc
OIL313025	25 l	1 Pc



CUTTING OIL FOR TABLES 3133

High volatility cutting oil, ideal for cuts where subsequent processing requires a surface with no residues, such as serigraphy, car glass, etc. Its use does not wear the rubber parts of the machines in any way and ensures longevity of the cutting wheel.

Art.	Size	Qty
OIL31331	1 l	1 Pc
OIL31335	5 l	1 Pc
OIL313325	25 l	1 Pc



CUTTING OIL FOR TABLES 3132

Synthetic cutting fluid specific for working with low-E glass. Formulated using synthetic bases and additives to reduce surface tension for optimising the finish of the glass being processed. The excellent cooling properties, its neutrality towards glass and the special additives in the emulsion give the glass a high grade of finish. Excellent evaporation properties.

Odourless and with a very low tendency to form foam.

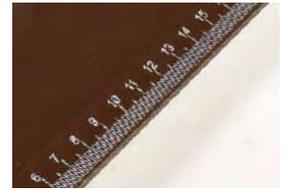
Suitable for glass cutters.

Art.	Size	Qty
OIL31321	1 l	1 Pc
OIL31325	5 l	1 Pc
OIL313225	25 l	1 Pc



SQUARE WITH BRACE AND RULER ON EDGE

Metric gradations, made of hard phenolic material.
 Brace thickness 4 mm,
 Base thickness 12 mm with 4 mm edge
 Units in mm for measuring the distance from other edges.

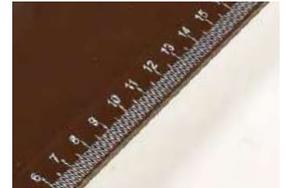


Art.	Length	Qty
SQHB600	600 mm	1 Pc
SQHB800	800 mm	1 Pc
SQHB1050	1050 mm	1 Pc



SQUARE WITH DIAGONAL AND RULE ON EDGE

Metric gradations, made of hard phenolic material.
 Brace thickness 4 mm,
 Base thickness 12 mm with 4 mm edge
 Units in mm for measuring the distance from other edges.



Art.	Length	Qty
SQHD400	400 mm	1 Pc
SQHD600	600 mm	1 Pc
SQHD800	800 mm	1 Pc
SQHD1050	1050 mm	1 Pc

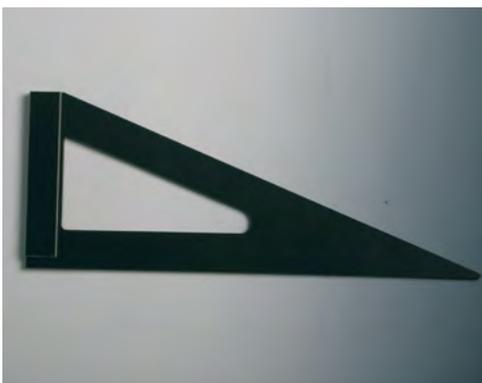


SQUARE WITH DIAGONAL AND SUCTION CUP

Made of hard phenolic material.
 Brace thickness 4 mm,
 Base thickness 12 mm with 4 mm edge
 Suction cup for attaching the long brace,
 to prevent accidental movements when cutting.



Art.	Length	Qty
SQHD1250	1250 mm	1 Pc
SQHD1500	1500 mm	1 Pc
SQHD1750	1750 mm	1 Pc



SQUARE WITH DIAGONAL

Art.	Length	Qty
SQ002	500 mm	1 Pc
SQ003	700 mm	1 Pc
SQ004	900 mm	1 Pc
SQ005	1100 mm	1 Pc
SQ006	1250 mm	1 Pc
SQ007	1500 mm	1 Pc



STRAIGHT EDGE

Art.	Length	Qty
RIGA001	2500 mm	1 Pc

**STRAIGHT EDGE WITH SUCTION CUP**

Made of hard phenolic material.

The suction cups allow the device to be used by a single operator.

Thickness 10 mm width 80 mm.

Dimensional tolerance: ± 1 mm/1 m

Art.	Length	Suction cups	Qty
SQTV2000	2000 mm	3	1 Pc
SQTV2500	2500 mm	4	1 Pc
SQTV3000	3000 mm	5	1 Pc
SQTV3500	3500 mm	5	1 Pc

**SPARE SUCTION CUP FOR STRAIGHT EDGES**

Art.	Dimensions	Qty
SQTVS400	$\text{Ø}45.8$ mm	1 Pc

**ECCENTRIC SUCTION CUP FOR STRAIGHT EDGES AND SQUARES**

Eccentricity adjustment 8 mm

Art.	Dimensions	Qty
SQTECC	$\text{Ø}55.8$ mm	1 Pc

**SUPPORT WITH SUCTION CUP FOR STRAIGHT EDGES AND SQUARES**

Art.	Dimensions	Qty
SQTSUP	$\text{Ø}57.3$ mm	1 Pc

**ADJUSTABLE SQUARE**

Made of hard phenolic material.

Calibrated rods on both arms for precise cutting.

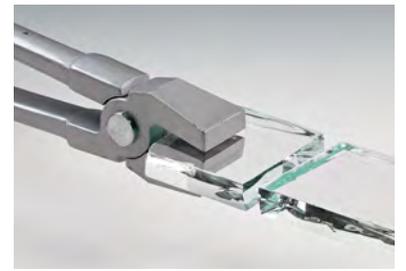
Suitable for cutting glass strips with the same dimensions.

Art.	Dimensions	Qty
SQTS400	400 mm x 400 mm	1 Pc
SQTS600	600 mm x 600 mm	1 Pc
SQTS860	800 mm x 600 mm	1 Pc



JAW PLIERS

For glass up to 19 mm



Art.	Length	Opening	Qty
PINZJAW	355 mm	36 mm	1 Pc



GLASS GROZING PLIERS

Art.	Length	Opening	Qty
PINZ002	200 mm	24 mm	1 Pc



ADJUSTABLE GLASS GROZING PLIERS

Art.	Length	Opening	Qty
PINZ30	200 mm	30 mm	1 Pc
PINZ33	200 mm	23 mm	1 Pc



DROP JAW GLASS GROZING PLIERS

Art.	Length	Opening	Qty
PINZ35	195 mm	21 mm	1 Pc



DIAMOND CIRCULAR SAW

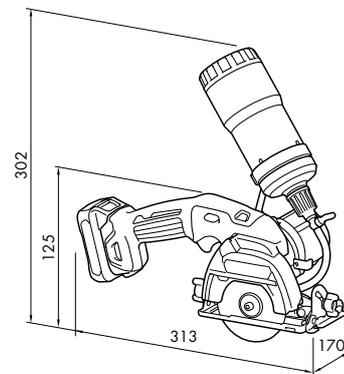
Highly manoeuvrable.

- Inclined cut up to 45°
- Compact and lightweight
- Soft grip coating

Accessories supplied: battery charger, 2 Li-ion batteries, blade, water tank, allen key

Technical description:

- blade size external Ø85 x 1.8 mm
- hole Ø15 mm
- cutting capability at 90° 25.5 mm at 45° 16.5 mm
- off-load speed 1600 rpm
- 4 Ah battery
- 0.5 litre tank
- weight 1.8 kg



Art.	Dimensions	Volts	Qty
MAK300	313 mm x 170 mm x 125 mm	12	1 Pc

SPARE PARTS FOR MAK300



Art.	Description	Qty
MAK300BAT4	4 Ah battery for MAK300	1 Pc
MAK300CAR	Battery charger for MAK300	1 Pc

MAKITA SEGMENTED DIAMOND BLADE



Art.	Dimensions	Qty
MAK10	Ø110 x 1.9 mm Hole Ø20 mm	1 Pc

DIAMOND BLADE FOR MAKITA DUEZETA



Art.	Dimensions	Qty
UDFMARK80	Ø80 x 1.2 mm Hole Ø15 mm	1 Pc

MAKITA DIAMOND BLADE



Art.	Dimensions	Qty
MAK80	Ø85 x 1.8 mm Hole Ø15 mm	1 Pc



DIAMOND CORE DRILL BIT WITH CONTINUOUS CROWN

Attachment: normal 1/2 Gas 14 Fpp length 75 mm
 Attachment: long 1/2 Gas 14 Fpp length 95 mm (on request)
 Standard core drill: AVP body,
 bond 7283 concentration ME grit 010, diamond 1131.
 Top line core drill: AVP body, FH bond,
 concentration MG, grit 010, diamond 1120
 Before using the core for the first time, it is recommended to dress the diamond with an abrasive stone by drilling a couple of holes, using water.
 It is not advised to use manual dressing sticks because they may cause the diamond band to break jeopardising the safety of the operator.

UDF-FH only on request, minimum order 2 pcs

WORKING CONDITIONS				
Ø	SPINDLE SPEED		WATER FLOW	
	RPM Min.	RPM Max.	Glass 3-4 mm	Glass ≤ 5 mm
6	3200	12,000	0.2	0.4
8	2800	12,000	0.2	0.5
10	2400	10,000	0.2	0.5
12	2000	8000	0.2	0.7
15	1400	6500	0.3	0.7
20	1200	4500	0.3	1.0
30	1000	3200	0.3	1.2
50	850	2000	0.4	1.5
100	700	1200	0.5	1.5
150	400	800	0.8	1.7
200	300	600	1.0	2.0
300	200	400	1.5	2.5

Art.	Dimensions	Band thickness	Qty
UDF-7283ME	Ø between 3 and 100 mm	up to 30 mm 0.75 mm, from 31 to 100 mm 1 mm	1 Pc
UDF-FH	Ø between 3 and 100 mm	up to 30 mm 0.75 mm, from 31 to 100 mm 1 mm	1 Pc



DIAMOND COUNTERSINK DRILLS

Standard material: AVP body, bond 7283, concentration ME, diamond 1102
 Attachment: normal 1/2 Gas 14 Fpp length 75 mm
[Products on request](#)

Art.	Dimensions	Qty
UDSV05	From 0 to 35 mm	1 Pc
UDSV06	From 0 to 45 mm	1 Pc
UDSV07	From 0 to 65 mm	1 Pc



DIAMOND CORE DRILLS WITH COUNTERSINK

Standard material: AVP body, bond 7283, concentration ME, diamond 1102
 Attachment: normal 1/2 Gas 14 Fpp length 75 mm.
 The countersink band is Ø10 mm bigger than the hole
 Example hole Ø16 mm countersink Ø26 mm
[Products on request](#)

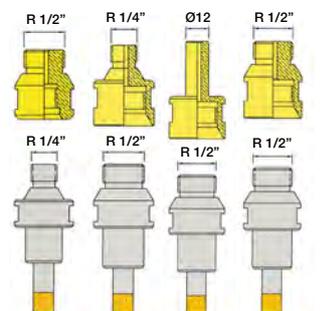
Art.	Hole	Countersink	Qty
UDFORSV	Ø between 4 and 70 mm	Ø between 14 and 80 mm	1 Pc
UDFORSV1	Ø between 4 and 70 mm	-	1 Pc
UDFORSV2	-	Ø between 14 and 80 mm	1 Pc



ADAPTORS FOR CORE DRILLS

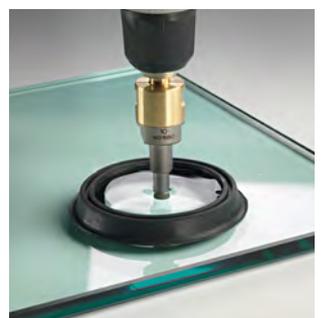
Material: brass

Art.	Dimensions	Qty
UDFS4	From R 1/4" to R 1/2"	1 Pc
UDFS6	From R 1/2" to R 1/4"	1 Pc
UDFS8	From R 1/2" to chuck Ø12 mm	1 Pc
UDFS10	Extension from R 1/2" to R 1/2"	1 Pc



SEALING RINGS FOR COOLANT

Art.	Internal	External	Qty
UDFS12	32 mm	64 mm	1 Pc
UDFS14	68 mm	106 mm	1 Pc
UDFS16	150 mm	194 mm	1 Pc





DRESSERS FOR CORE DRILLS AND CUP WHEELS

Grit 60 to 120 mesh suitable for dressing tools with grit from D 126 to D 213.
Grit 120 to 220 mesh suitable for dressing tools with grit from D 64 to D 126.

Art.	Dimensions	Colour	Grit	Qty
NSGST01	25 mm x 50 mm x 200 mm	Orange	80	1 Pc
NSGST03	25 mm x 50 mm x 200 mm	Blue	120	1 Pc
NSGST05	25 mm x 50 mm x 200 mm	White	180	1 Pc
NSGST07	10 mm x 115 mm x 285 mm	Brown	120	1 Pc
NSGST09	20 mm x 20 mm x 200 mm	White	220	1 Pc



GLASS MARKING PENS

Art.	Description	Qty
PUN20	Hard metal glass marking pen	1 Pc
PUN30	Diamond tip glass marking pen	1 Pc
PUN001	Hard metal glass marking pen with clip	1 Pc
PUN002	Spare part for PUN001	1 Pc



FOREX EXPANDING CORE DRILL

Expanding core drill for large holes, ensure the correct speed is used
Attachment: normal 1/2 Gas 14 Fpp length 75 mm approx.

[Products on request](#)

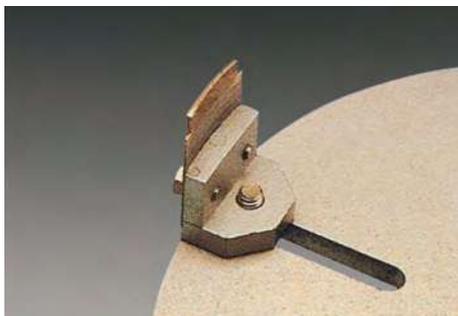
Art.	Dimensions	Qty
UDFX012	FOREX 70/100 sectors 4 type 00	1 Pc
UDFX013	FOREX 90/140 sectors 4 type 01	1 Pc
UDFX014	FOREX 130/180 sectors 6 type 02	1 Pc
UDFX015	FOREX 180/240 sectors 6 type 03	1 Pc



COMPASS FOR FOREX

[Products on request](#)

Art.	Dimensions	Qty
UDFX017	70/100 mm	1 Pc
UDFX018	90/240 mm	1 Pc



SPARE SECTORS FOR FOREX

Art.	Type	Qty
UDFX020	00	1 Pc
UDFX021	01	1 Pc
UDFX022	02	1 Pc
UDFX023	03	1 Pc



CENTRING TOOL



Art.	Description	Qty
UDFS1	Centring tool	1 Pc
UDFS2	Hex key for centring tool	1 Pc



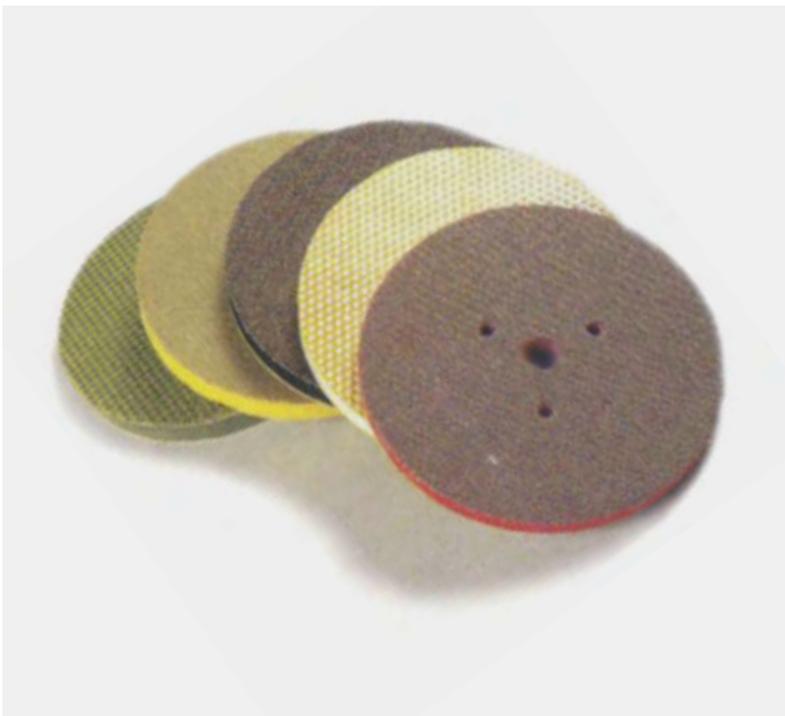
EXPANSION WHEELS FOR BELTS

Art.	Dimensions	Qty
DGS003	75 mm x 38 mm	1 Pc
DGS035	50 mm x 42 mm	1 Pc



BELTS FOR AIR SANDERS

Art.	Dimensions	Colour	Grit	Micron	Description	Spacing	Qty
DGS007V	75 mm x 38 mm	green	Diamond 60 mesh	250	very high removal	CP21	1 Pc
DGS007N	75 mm x 38 mm	black	Diamond 120 mesh	125	high removal	CP18 or CP21	1 Pc
DGS007R	75 mm x 38 mm	red	Diamond 200 mesh	74	medium removal	CP18 or CP21	1 Pc
DGS007G	75 mm x 38 mm	yellow	Diamond 400 mesh	40	finishing	CP18 or CP21	1 Pc
DGS007B	75 mm x 38 mm	white	Diamond 600 mesh	30	excellent finish	CP18 or CP21	1 Pc
DGS008RBG	75 mm x 38 mm	white yellow	Resin 600 mesh	30	polishing	R1	1 Pc
DGS008RBLU	75 mm x 38 mm	blue	Resin 1000 mesh	10	lapping	R1	1 Pc
DGS011V	50 mm x 42 mm	green	Diamond 60 mesh	250	very high removal	CP21	1 Pc
DGS011N	50 mm x 42 mm	black	Diamond 120 mesh	125	high removal	CP18 or CP21	1 Pc
DGS011R	50 mm x 42 mm	red	Diamond 200 mesh	74	medium removal	CP18 or CP21	1 Pc
DGS011G	50 mm x 42 mm	yellow	Diamond 400 mesh	40	finishing	CP18 or CP21	1 Pc
DGS011B	50 mm x 42 mm	white	Diamond 600 mesh	30	excellent finish	CP18 or CP21	1 Pc
DGS012RBG	50 mm x 42 mm	white yellow	Resin 600 mesh	30	polishing	R1	1 Pc
DGS012RBLU	50 mm x 42 mm	blue	Resin 1000 mesh	10	lapping	R1	1 Pc



ADHESIVE DISC WITH THREE HOLES FOR AIR SANDER

Art.	Dimensions	Colour	Grit	Micron	Description	Spacing	Qty
DGS005V	Ø100 mm	green	Diamond 60 mesh	250	very high removal	CP21	1 Pc
DGS005N	Ø100 mm	black	Diamond 120 mesh	125	high removal	CP18 or CP21	1 Pc
DGS005R	Ø100 mm	red	Diamond 200 mesh	74	medium removal	CP18 or CP21	1 Pc
DGS005G	Ø100 mm	yellow	Diamond 400 mesh	40	finishing	CP18 or CP21	1 Pc
DGS005B	Ø100 mm	white	Diamond 600 mesh	30	excellent finish	CP18 or CP21	1 Pc
DGS006RBG	Ø100 mm	white yellow	Resin 600 mesh	30	polishing	R1	1 Pc
DGS006RBLU	Ø100 mm	blue	Resin 1000 mesh	10	lapping	R1	1 Pc



HAND SANDING PADS

Diamond pads for manual roughing, deburring, finishing with "snakeskin" type pattern, exclusive Saint-Gobain abrasives product.

Ideal for both wet and dry use.

Efficient and lasting removal thanks to the high concentration of high quality diamonds.



Art.	Dimensions	Colour	Grit	Description	Qty
NSG01V	90 mm x 55 mm	green	Diamond 60 mesh	very high removal	1 Pc
NSG03N	90 mm x 55 mm	black	Diamond 120 mesh	high removal	1 Pc
NSG05R	90 mm x 55 mm	red	Diamond 200 mesh	medium removal	1 Pc
NSG07G	90 mm x 55 mm	yellow	Diamond 400 mesh	finishing	1 Pc
NSG09B	90 mm x 55 mm	white	Diamond 800 mesh	excellent finish	1 Pc
NSG11BLU	90 mm x 55 mm	blue	Diamond 1500 mesh	lapping	1 Pc



MAKITA 9032 BELT SANDER

Versatility and handling for sanding and finishing glass, wood, iron, steel, plastic, and ceramic. Variable speed. Adjustable belt holder bar. Optional belt holder bar: tape length 6 and 13 mm Precise adjustment and centring of the belt. The Ø14 mm belt tensioning roller is used for sanding in very restricted spaces. Vacuum attachment for collecting dust, double isolation and electronic switch.

Technical description:

- Belt dimensions: 9 x 533 mm
- Power consumption: 500 W
- Off-load speed: 300-1700 m/min
- Max. sanding depth: 110 mm
- Weight (EPTA standard): 1.6 kg

Supplied accessories:

- Abrasive belt for wood
- Adaptor nozzle for vacuum

Art.	Dimensions	V	Qty
MAK9032	420 mm x 158 mm x 78 mm	220	1 Pc



MAKITA 9031 BELT SANDER

Ideal for sanding glass, wood, iron, steel, plastic, ceramic, etc. Variable speed. Belt width 30 mm for also sanding corners and cavities. Rapid release of the sanding belt. Option to attach vacuum for collecting dust, double isolation and electronic switch.

Technical description:

- Belt dimensions: 30 x 533 mm
- Power consumption: 550 W
- Off-load speed: 200-1000 m/min
- Weight (EPTA standard): 2.1 kg

Supplied accessories:

- Pack of assorted belts

Art.	Dimensions	V	Qty
MAK9031	380 mm x 170 mm x 90 mm	220	1 Pc



DIAMOND BELTS

Diamond belts for portable machines (Makita) for roughing tasks on very hard materials such as glass, ceramic, and stone.

Featuring a "snakeskin" type pattern, exclusive Saint-Gobain abrasives product.

The distinctive "snakeskin" structure provides very fast and clean grinding for a longer belt life.

The excellent diamond removal process provides immediate cutting efficiency and no loss of abrasion.

The base is very durable and ensures a long service life of the product, even at high pressures.

- Recommended speed: 25 - 32 m/s, max 45 m/s
- Particularly recommended for wet applications (water/emulsion)



Art.	Dimensions	Grit	Qty
NDSG03	533 mm x 9 mm	120 mesh	1 Pc
NDSG05	533 mm x 9 mm	200 mesh	1 Pc
NDSG07	533 mm x 9 mm	400 mesh	1 Pc
NDSG13	533 mm x 30 mm	60 mesh	1 Pc
NDSG15	533 mm x 30 mm	120 mesh	1 Pc
NDSG17	533 mm x 30 mm	200 mesh	1 Pc
NDSG19	533 mm x 30 mm	400 mesh	1 Pc

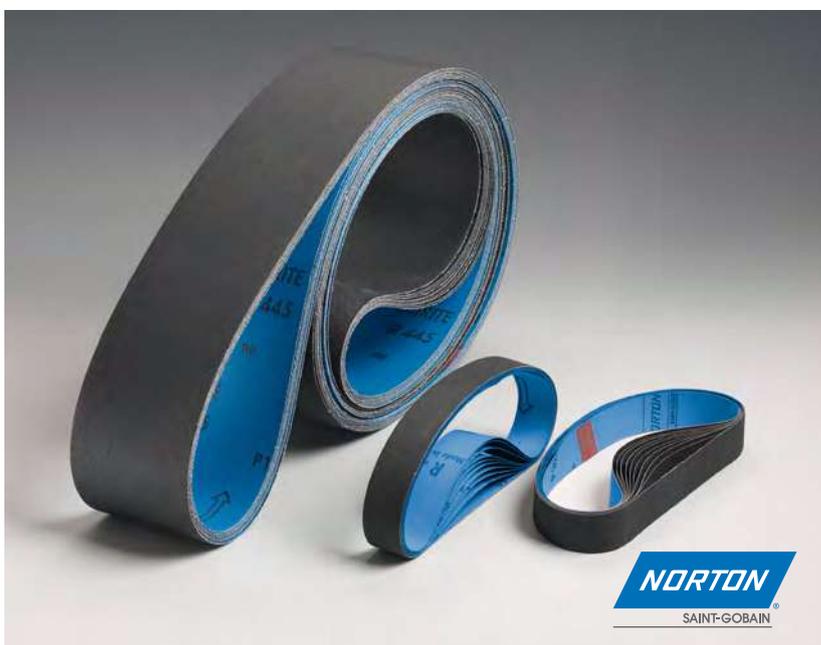
SILICON CARBIDE BELTS

These belts are particularly recommended for working on materials that tend to dry-out the belt such as glass, ceramic, wood and non-ferrous materials. The polyester base is suitable for dry and wet applications.

Backing: Polyester cloth - **Abrasive:** silicon carbide

Coating: closed - **Bond:** resin/resin- **Colour on abrasive side:** black

Grit range: 36, 40, 80, 120, 150, 220, 320



Art.	Dimensions	Grit	Qty
NSSG01	533 mm x 9 mm	40 mesh	1 Pc
NSSG03	533 mm x 9 mm	80 mesh	1 Pc
NSSG05	533 mm x 30 mm	40 mesh	1 Pc
NSSG07	533 mm x 30 mm	80 mesh	1 Pc
NSSG09	830 mm x 70 mm	40 mesh	1 Pc
NSSG11	830 mm x 70 mm	80 mesh	1 Pc
NSSG13	830 mm x 70 mm	120 mesh	1 Pc
NSSG15	830 mm x 70 mm	150 mesh	1 Pc
NSSG17	830 mm x 70 mm	220 mesh	1 Pc
NSSG19	830 mm x 70 mm	320 mesh	1 Pc
NSSG21	1100 mm x 100 mm	36 mesh	1 Pc
NSSG23	1100 mm x 100 mm	40 mesh	1 Pc
NSSG25	1100 mm x 100 mm	80 mesh	1 Pc
NSSG27	1100 mm x 100 mm	120 mesh	1 Pc
NSSG29	1100 mm x 100 mm	150 mesh	1 Pc
NSSG31	1100 mm x 100 mm	220 mesh	1 Pc
NSSG33	1100 mm x 100 mm	320 mesh	1 Pc
NSSG35	2400 mm x 100 mm	40 mesh	1 Pc
NSSG37	2400 mm x 100 mm	80 mesh	1 Pc
NSSG39	2400 mm x 100 mm	120 mesh	1 Pc
NSSG41	2400 mm x 100 mm	150 mesh	1 Pc
NSSG43	2400 mm x 100 mm	220 mesh	1 Pc
NSSG45	2400 mm x 100 mm	320 mesh	1 Pc
NSSG47	3350 mm x 100 mm	40 mesh	1 Pc
NSSG49	3350 mm x 100 mm	80 mesh	1 Pc
NSSG51	3350 mm x 100 mm	120 mesh	1 Pc
NSSG53	3350 mm x 100 mm	150 mesh	1 Pc
NSSG55	3350 mm x 100 mm	220 mesh	1 Pc
NSSG57	3350 mm x 100 mm	320 mesh	1 Pc



CORUNDUM BELTS

The ideal solution for sanding glass or deburring metals, the belts feature high durability and a constant cutting capability. Suitable for wet and dry use.

Backing: polyester cloth

Abrasive: Premium aluminium oxide

Coating: closed

Bond: resin/resin

Colour on abrasive side: brick red

Grit range: 150, 220, 320, 400



Art.	Dimensions	Grit	Qty
NCSG01	533 mm x 9 mm	150 mesh	1 Pc
NCSG03	533 mm x 9 mm	220 mesh	1 Pc
NCSG05	533 mm x 9 mm	320 mesh	1 Pc
NCSG07	533 mm x 9 mm	400 mesh	1 Pc
NCSG09	533 mm x 30 mm	150 mesh	1 Pc
NCSG11	533 mm x 30 mm	220 mesh	1 Pc
NCSG13	533 mm x 30 mm	320 mesh	1 Pc
NCSG15	533 mm x 30 mm	400 mesh	1 Pc
NCSG17	830 mm x 70 mm	150 mesh	1 Pc
NCSG19	830 mm x 70 mm	220 mesh	1 Pc
NCSG21	830 mm x 70 mm	320 mesh	1 Pc
NCSG23	830 mm x 70 mm	400 mesh	1 Pc
NCSG25	1100 mm x 100 mm	150 mesh	1 Pc
NCSG27	1100 mm x 100 mm	220 mesh	1 Pc
NCSG29	1100 mm x 100 mm	320 mesh	1 Pc
NCSG31	1100 mm x 100 mm	400 mesh	1 Pc

CORK BELTS

Belts for mirror pre-polishing and glass finishing, can be used for both wet and dry applications thanks to the waterproofing treatment (waterproof cotton cloth). Uniform and constant finish throughout the life of the product.

Backing: waterproof cotton cloth

Abrasive: cork

Coating: closed

Bond: resin/resin

Colour on abrasive side: ochre



Art.	Dimensions	Qty
NSU006	533 mm x 9 mm	1 Pc
NSU007	533 mm x 30 mm	1 Pc
NSU001	830 mm x 70 mm	1 Pc
NSU002	1100 mm x 100 mm	1 Pc
NSU004	2400 mm x 100 mm	1 Pc
NSU005	3350 mm x 100 mm	1 Pc



SILICON CARBIDE BELTS CH

Silicon carbide is produced in an electric furnace to reduce silicon with carbon. It is very hard and has good toughness.

Excellent for working with very hard products such as stone, ceramic, and glass. **CH mark on belt.** Working with very high pressures.

Belt does not require the use of coolant, so it can also be used dry. **Recommended speed:** 10 - 20 m/sec. **Grit:** 36-40-80



Art.	Dimensions	Grit	Qty
NCH00	533 mm x 9 mm	40 mesh	1 Pc
NCH01	533 mm x 9 mm	80 mesh	1 Pc
NCH03	533 mm x 30 mm	40 mesh	1 Pc
NCH05	533 mm x 30 mm	80 mesh	1 Pc
NCH062	610 mm x 100 mm	80 mesh	1 Pc
NCH07	830 mm x 70 mm	40 mesh	1 Pc
NCH09	830 mm x 70 mm	80 mesh	1 Pc
NCH10	1100 mm x 100 mm	36 mesh	1 Pc
NCH12	1100 mm x 100 mm	40 mesh	1 Pc
NCH14	1100 mm x 100 mm	80 mesh	1 Pc
NCH16	1620 mm x 100 mm	40 mesh	1 Pc
NCH17	1620 mm x 100 mm	80 mesh	1 Pc
NCH19	2400 mm x 100 mm	40 mesh	1 Pc
NCH21	2400 mm x 100 mm	80 mesh	1 Pc
NCH23	3350 mm x 100 mm	40 mesh	1 Pc
NCH25	3350 mm x 100 mm	80 mesh	1 Pc

SILICON CARBIDE BELTS CW

Silicon carbide is produced in an electric furnace to reduce silicon with carbon. It is very hard and has good toughness.

Excellent for working with very hard products such as stone, ceramic, and glass. **CW mark on belt.** Finishing work. Waterproof belt to be used with coolant.

Recommended speed: 10 - 20 m/sec. **Grit:** 120-150-220-320



Art.	Dimensions	Grit	Qty
NCW26	830 mm x 70 mm	120 mesh	1 Pc
NCW27	830 mm x 70 mm	150 mesh	1 Pc
NCW28	830 mm x 70 mm	220 mesh	1 Pc
NCW29	830 mm x 70 mm	320 mesh	1 Pc
NCW34	1100 mm x 100 mm	120 mesh	1 Pc
NCW39	1100 mm x 100 mm	150 mesh	1 Pc
NCW41	1100 mm x 100 mm	220 mesh	1 Pc
NCW43	1100 mm x 100 mm	320 mesh	1 Pc
NCW44	1620 mm x 100 mm	150 mesh	1 Pc
NCW49	2400 mm x 100 mm	120 mesh	1 Pc
NCW50	2400 mm x 100 mm	150 mesh	1 Pc
NCW51	2400 mm x 100 mm	220 mesh	1 Pc
NCW52	2400 mm x 100 mm	320 mesh	1 Pc
NCW53	3350 mm x 100 mm	120 mesh	1 Pc
NCW54	3350 mm x 100 mm	150 mesh	1 Pc
NCW55	3350 mm x 100 mm	220 mesh	1 Pc
NCW56	3350 mm x 100 mm	320 mesh	1 Pc

CORUNDUM BELTS

Corundum is an aluminium oxide created artificially in electric furnaces.

It combines good hardness with high toughness. **2AF mark on belt.**

Medium-light working. Flexible belt for dry use.

Recommended speed: 10 - 20 m/sec. **Grit:** 150-220-320-400



Art.	Dimensions	Grit	Qty
N2AF57	533 mm x 9 mm	150 mesh	1 Pc
N2AF59	533 mm x 9 mm	220 mesh	1 Pc
N2AF60	533 mm x 9 mm	320 mesh	1 Pc
N2AF64	533 mm x 30 mm	150 mesh	1 Pc
N2AF65	533 mm x 30 mm	220 mesh	1 Pc
N2AF67	533 mm x 30 mm	320 mesh	1 Pc
N2AF69	533 mm x 30 mm	400 mesh	1 Pc
N2AF691	610 mm x 100 mm	150 mesh	1 Pc
N2AF692	610 mm x 100 mm	220 mesh	1 Pc
N2AF693	610 mm x 100 mm	320 mesh	1 Pc
N2AF694	610 mm x 100 mm	400 mesh	1 Pc
N2AF70	830 mm x 70 mm	150 mesh	1 Pc
N2AF71	830 mm x 70 mm	220 mesh	1 Pc
N2AF72	830 mm x 70 mm	320 mesh	1 Pc
N2AF73	830 mm x 70 mm	400 mesh	1 Pc
N2AF74	1100 mm x 100 mm	150 mesh	1 Pc
N2AF75	1100 mm x 100 mm	220 mesh	1 Pc
N2AF76	1100 mm x 100 mm	320 mesh	1 Pc
N2AF77	1100 mm x 100 mm	400 mesh	1 Pc



CERIUM OXIDE > 95%

- Aspect: white
- REO: $\geq 90\%$
- CeO_2 /REO: $> 95\%$
- Average particle size: 3.0 μm
- pH 7
- Density 6.3 g/cm³
- Pack 5 kg

Art.	Package	Qty
OSS95	5 kg	1 Pc



CORUNDUM FOR SANDBLASTING

Red-brown corundum is made from an aluminium oxide and has excellent toughness and abrasive capacity on all types of materials.

It is particularly well suited for sandblasting with recycling, especially for its high impact resistance. The different particle sizes allow users to select the preparation grade to suit any requirements. Red-brown corundum does not contain free silica.

TECHNICAL PROPERTIES

- Type:** Red-brown corundum
- Mohs hardness scale:** 9
- Knoop hardness scale:** 2400 - 2500 kg/mm²
- Bulk density:** 1.8 g/mm³
- Melting point:** 1900°C
- Solubility in water:** Insoluble
- ISO 9002 CERTIFIED QUALITY**

Art.	Grit	Qty
SABB1	80 mesh	25 kg
SABB2	100 mesh	25 kg
SABB3	120 mesh	25 kg
SABB4	150 mesh	25 kg

**TESA MASKING TAPE****TECHNICAL PROPERTIES 4423**

Backing type: smooth paper

Type of adhesive: natural rubber

Total thickness (µm): 145

Adhesiveness N/cm: 4.5

Tensile strength N/cm: 57

% elongation at break: 5

Temperature resistance max. °C short periods: 60

TECHNICAL PROPERTIES 4432

Backing type: smooth paper

Type of adhesive: natural rubber

Total thickness (µm): 330

Adhesiveness N/cm: 8

Tensile strength N/cm: 93

% elongation at break: 6

Temperature resistance max. °C short periods: 100

Art.	Description	Dimensions	Qty
CAR001	Average thickness 4423	100 mm x 50 m	1 Pc
CAR002	Average thickness 4423	150 mm x 50 m	1 Pc
CAR003	Average thickness 4423	250 mm x 50 m	1 Pc
CAR004	High thickness 4432	150 mm x 25 m	1 Pc
CAR006	High thickness 4432	300 mm x 25 m	1 Pc

**MSK 1100 MASKING TAPE**

Smooth paper masking tape

Good adhesiveness even on different surfaces, does not leave adhesive residue on surfaces when removed. Smooth impregnated paper.

Minimum difference in application thickness.

High breaking strength.

Applications: high-strength masking tape, used for manual sandblasting.

TECHNICAL PROPERTIESBacking: smooth white impregnated paper, 95 g/m²

Adhesive: natural rubber and resin

Total thickness: 0.150 mm

Adhesiveness on steel: 6 N/25 mm

Breaking load: 185 N/25 mm

Elongation at break: 4%

Temperature resistance: 80°C

Art.	Dimensions	Qty
CAR021	50 mm x 50 m	1 Pc
CAR022	100 mm x 50 m	1 Pc
CAR024	150 mm x 50 m	1 Pc
CAR026	200 mm x 50 m	1 Pc
CAR028	250 mm x 50 m	1 Pc



Art. FC8061

Art. FC300R61

Art. FC16061

Art. FC300M61

Art. FC28061

SANDBLAST 80

Material: vinyl
 Thickness: 0.08 mm
 Suitable for light sandblasting
 Colour: matt black

Art.	Roll dimensions	Qty
FC8061	610 mm x 50 m	1 Pc

SANDBLAST 160

Material: vinyl
 Thickness: 0.16 mm
 Suitable for medium sandblasting
 Colour: matt black

Art.	Roll dimensions	Qty
FC16061	610 mm x 25 m	1 Pc

SANDBLAST 300 soft

Material: vinyl
 Thickness: 0.30 mm soft type
 Suitable for deep sandblasting
 Colour: beige

Art.	Roll dimensions	Qty
FC300M61	610 mm x 25 m	1 Pc

SANDBLAST 80B

Material: vinyl
 Thickness: 0.08 mm
 Suitable for light sandblasting
 Colour: matt white

Art.	Roll dimensions	Qty
FC8061B	610 mm x 50 m	1 Pc

SANDBLAST 280 soft

Material: vinyl
 Thickness: 0.28 mm soft type
 Suitable for deep sandblasting
 Colour: blue

Art.	Roll dimensions	Qty
FC28061	610 mm x 25 m	1 Pc

SANDBLAST 300 rigid

Material: vinyl
 Thickness: 0.30 mm rigid type
 Suitable for deep sandblasting
 Colour: grey

Art.	Roll dimensions	Qty
FC300R61	610 mm x 25 m	1 Pc



APPLICATION TAPE

Material: vinyl
 Application tape for vinyl design on glass
 Colour: transparent

Art.	Roll dimensions	Thickness	Qty
FCAT10050	500 mm x 100 m	0.10 mm	1 Pc
FCAT15061	610 mm x 100 m	0.15 mm	1 Pc



CUTTER FOR GRAPHICS



Art.	Description	Qty
CUT001	Cutter for graphics + 10 spare blades	1 Pc
CUT002	10 spare blades	1 Pc

ALUMINIUM CUTTER



Art.	Description	Qty
CUT003	Aluminium cutter + 3 spare blades	1 Pc
CUT004	3 spare blades	1 Pc

Pro.Glass® Matt 113

Pro.Glass® Matt 113 from Nanogate protects etched or sandblasted glass from fingerprints and other types of hard-to-remove dirt.

Before coating the surfaces, they must be clean, dry and free from oily or silicone residue. The product must be applied to the glass using a clean cloth; after a few minutes the excess material must be polished using a microfibre sponge.

Around 15-20 g/m² is required.

Glass treated with Pro.Glass® Matt 113 has a higher and more long-lasting resistance to abrasion, hydrolysis and UV rays.

The treatment makes the surfaces easier to clean with normal household cleaners.



Art.	Description	Qty
PROG28	Pro.Glass® Matt 113 - 400 g	1 Pc
PROG30	Microfibre sponge	1 Pc



MERLIN LAZER MEASURING DEVICE

For general glass analysis, with precision plastic housing, diode laser with sophisticated electronic measurement, non-hazardous class 2/3A laser. Press the button for immediate measurement, precise measuring from one side only (regardless of the light), measures both the thickness of the glass and the air chamber of any double-glazing unit, indicates PVB and layers of resin of the bonded unit. Battery-operated, low energy consumption, for coated, bullet-proof, laminated insulating glass, etc.

Art.	Qty
NML10	1 Pc



MERLIN LAZER TEMPERATED GLASS INDICATOR

With battery charger, rechargeable battery, and leather case. Suitable also for double-glazing.



Art.	Qty
NML12	1 Pc



MERLIN LAZER LOW-E DETECTOR

For individual panes of glass or double-glazing composed of panes with thickness between 4-10 mm.

For double-glazing, measurements must be taken on both sides.



Art.	Qty
NML14	1 Pc



MERLIN LAZER TEMPERED GLASS STRESS VIEWER

Position the edge of the glass in the middle of the display: if the glass has been tempered, you will see very clear stress lines. Where it is not possible to slide the device over the glass, the two displays can be separated and positioned one in front of the other, making it usable in any situation.

Art.

NML16

Qty

1 Pc



GLASS ANALYSIS KIT

Contents of the kit:

- ABS case with shock-resistant sponge protection
- Merlin Lazer measuring device
- Merlin Lazer tempered glass indicator
- Merlin Lazer low-E detector

Art.

NMLKIT18

Qty

1 Pc



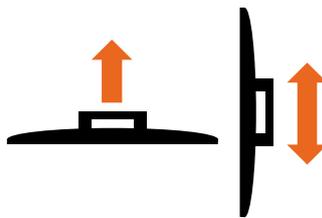
By creating a vacuum zone on contact with a smooth surface, suction lifters are able to attach themselves to the surface, providing a useful hold for lifting and handling objects. The vacuum zone can be created by lever mechanisms or pumps which remove a quantity of air from the surface below the cup. The lifting capacity of suction lifters increases as a function of the contact surface area and the friction coefficient between the surfaces.

The recommended values for using our suction lifters have been calculated on the basis of detailed analysis and trials conducted at the Scientific laboratory of buildings and materials testing at the Civil engineering and environmental department at the University of Florence.

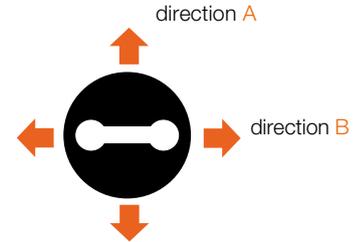
The tests, specifically those studying the anchoring capacity of suction cups on panes of glass, have been performed in an environment which replicates the normal operating conditions of the devices (temperature, humidity and cleanliness), taking several factors into consideration:



glass treatments:
annealed, toughened or tempered



vertical lifting action
or sideways sliding



direction of sliding in relation to position of the handle

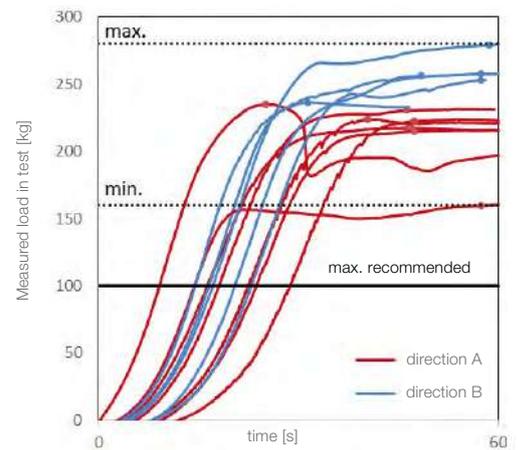
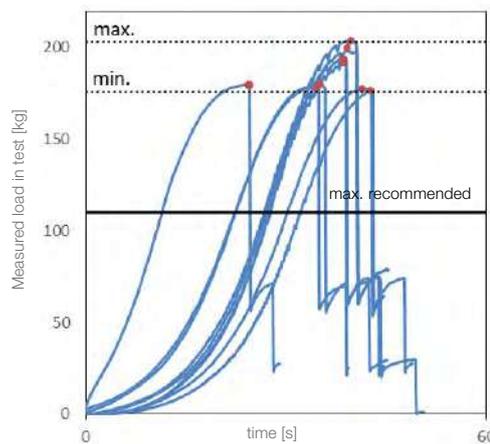


lifting tests

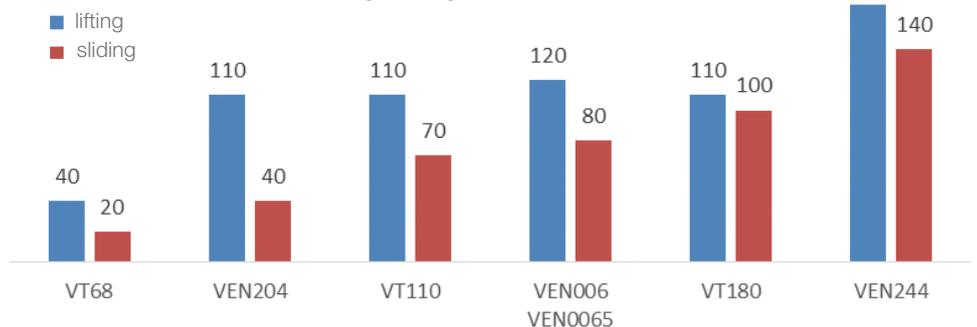
sliding tests

Thanks to the extensive testing, the recommended safe working values for normal operating conditions have been calculated: for each device, under different conditions of use, the recommended value represents the minimum measured value, reduced by a safety coefficient of 1.5.

For example, the test values obtained for the VT180 triple suction lifter are shown, indicating the maximum and minimum load values measured and the maximum recommended load:



Maximum recommended working load, kg





Recommendations for use: The suction cups can be used for lifting and moving items with a smooth surface, such as panes of glass, plastic sheets, metal sheets, smooth marble, smooth tiles or painted surfaces. However, the functioning of the suction cups is compromised by the presence of rough or porous surfaces or those which allow air to flow from the outside into the vacuum area. Before using the suction cups, it is important to check that the surfaces have not been contaminated by lubrication agents such as petrol, oil, or other petroleum derivatives, that the suction cup is correct for the weight of the pane to be lifted and that the suction cup is intact. Ozone in the air can have a negative effect. **UNI EN 13155**

For safe use, it is recommended that:

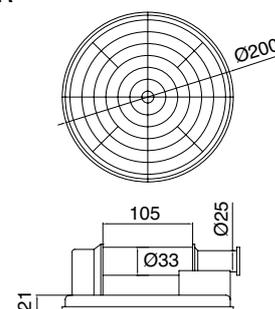
- the surfaces around the suction cup contact area are cleaned and degreased;
- checks are made to ensure that the suction cup surfaces are clean of powder or traces of oil and that there are no scratches or cuts in the rubber at the contact interface;
- the suction cup rubber is kept away from petrol and other petroleum derivatives;
- the suction cup rubber is replaced every 3 years, even if not used.



PUMP SUCTION LIFTER WITH VACUUM METER

With hard plastic box
Suction cup material: vulcanised natural rubber

Recommended maximum load*



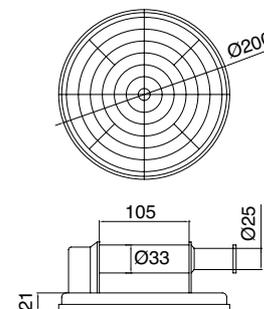
Art.	Description	Qty
VEN0065	Suction cup Ø200 mm	1 Pc
VEN0068	Spare piston	1 Pc



PUMP SUCTION LIFTER

With hard plastic box
Suction cup material: vulcanised natural rubber

Recommended maximum load*



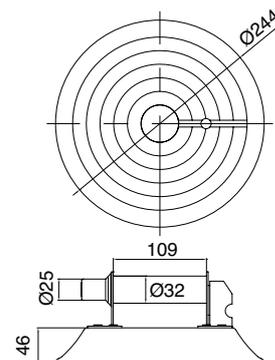
Art.	Description	Qty
VEN006	Suction cup Ø200 mm	1 Pc
VEN0068	Spare piston	1 Pc



PUMP SUCTION LIFTER 244

Suction cup material: black NBR rubber

Recommended maximum load*



Art.	Description	Qty
VEN244	Suction cup Ø244 mm	1 Pc

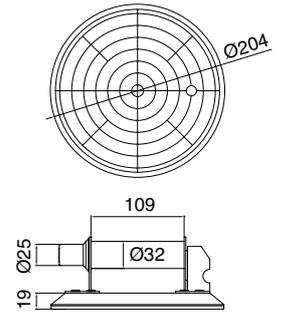
*the minimum operating limit indicated by the vacuum meter or the safety indicator on the pump body



PUMP SUCTION LIFTER 204

Suction cup material: black NBR rubber

Recommended maximum load*



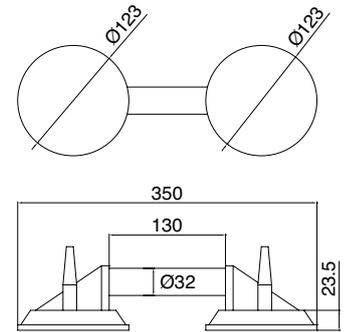
Art.	Description	Qty
VEN204	Suction cup Ø204 mm	1 Pc



DOUBLE SUPER SUCTION LIFTER

Material: die cast aluminium and rubber

Recommended maximum load*



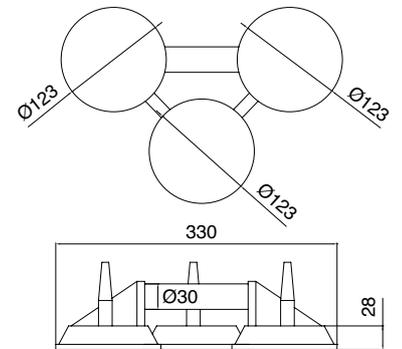
Art.	Description	Qty
VT110	Suction cup Ø123 mm	1 Pc



TRIPLE SUPER SUCTION LIFTER

Material: die cast aluminium and rubber

Recommended maximum load*



Art.	Description	Qty
VT180	Suction cup Ø123 mm	1 Pc



SPARE PARTS FOR SUPER SUCTION LIFTERS

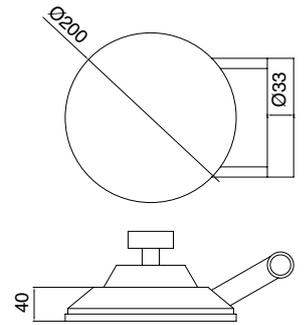
Art.	Description	Qty
VT01	Spare lever	1 Pc
VT03	Set made of: 1 rubber cup, 1 lever, 1 plate, 1 socket	1 Pc



SUCTION LIFTER WITH CONTROL KNOB AND VACUUM METER

Material: die cast aluminium and rubber

Recommended maximum load*



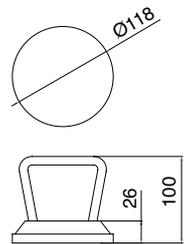
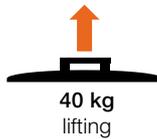
Art.	Description	Qty
VEN004	Suction cup Ø200 mm	1 Pc
VEN009	Spare knob -	1 Pc



SINGLE SUCTION LIFTER

Material: plastic and rubber

Recommended maximum load*



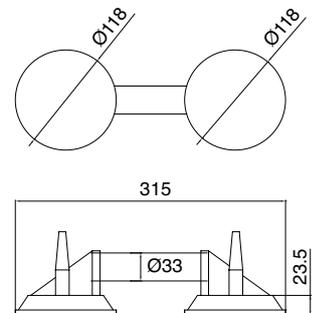
Art.	Description	Qty
VT35	Suction cup Ø118 mm	1 Pc



DOUBLE SUCTION LIFTER

Material: plastic and rubber

Recommended maximum load*

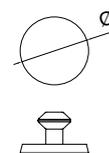
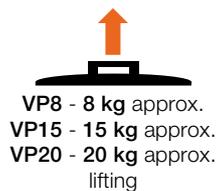


Art.	Description	Qty
VT68	Suction cup Ø118 mm	1 Pc



SUCTION LIFTER WITH KNOB

Recommended maximum load*



Art.	Description	Qty
VP8	Suction cup Ø60 mm	1 Pc
VP15	Suction cup Ø80 mm	1 Pc
VP20	Suction cup Ø100 mm	1 Pc



*the minimum operating limit indicated by the vacuum meter or the safety indicator on the pump body



CARRYING STRAP

Leather edging



Art.	Dimensions	Load	Qty
CING1700	1700 mm x 40 mm	60 kg	1 Pc



CARRYING STRAP



Art.	Dimensions	Load	Qty
CING1350	1200 mm x 40 mm	40 kg	1 Pc



RUBBER HAND PROTECTORS



Art.	Dimensions	Qty
CINGM01	125 mm x 170 mm x 3 mm	1 Pc



INDIA RUBBER PADS

Note: this is not a safety product; it is an auxiliary device to be used with safety gloves.

Art.	Dimensions	Qty
PALM001	152 mm x 175 mm x 3 mm	1 Pc



PAIR OF FABRIC AND RUBBER GLOVES

Gloves offering protection against mechanic hazards, aerated back.



EN 388 mechanical hazards

The pictogram is followed by 6 performance levels.

If there is an "X" in place of the number

it means that the glove has not been tested for this application.

a	b	c	d	e	f
abrasion resist- ance [no. cycles]	blade cut resist- ance [index]	tear strength [Newton]	resistance to per- foration [Newton]	ISO cut resistance [Newton]	EN impact pro- tection
1 100 cycles	1 1.2	1 10	1 20	a 2	P Passed
2 800 cycles	2 2.5	2 25	2 60	b 5	X
3 2000 cycles	3 5.0	3 50	3 100	c 10	
4 8000 cycles	4 10.0	4 75	4 150	d 15	
	5 20.0			e 22	
				f 30	

Art.	Size	Qty
GUA2243-M	8	1 Pc
GUA2243-L	9	1 Pc
GUA2243-XL	10	1 Pc



PAIR OF GLOVES

Gloves offering protection against mechanical hazards, cut-resistant and non-slip



EN 388 mechanical hazards

The pictogram is followed by one of 6 performance levels.

If there is an "X" in place of the number

it means that the glove has not been tested for this application.

a	b	c	d	e	f
abrasion resist- ance [no. cycles]	blade cut resist- ance [index]	tear strength [Newton]	resistance to per- foration [Newton]	ISO cut resistance [Newton]	EN impact pro- tection
1 100 cycles	1 1.2	1 10	1 20	a 2	P Passed
2 800 cycles	2 2.5	2 25	2 60	b 5	X
3 2000 cycles	3 5.0	3 50	3 100	c 10	
4 8000 cycles	4 10.0	4 75	4 150	d 15	
	5 20.0			e 22	
				f 30	

Art.	Size	Qty
GUA4543-M	8	1 Pc
GUA4543-L	9	1 Pc
GUA4543-XL	10	1 Pc



APRONS



GREMPELL001

Art.	Material	Dimensions	Qty
GREMOLL002	Waxed canvas	1100 mm x 700 mm	1 Pc
GREMPELL001	Crust leather	500 x 700 mm	1 Pc



FAT MAX TAPE MEASURE

New smaller ergonomic non-slip bi-material casing.
Tape width 32 mm, ensuring a high degree of rigidity and longevity, with Mylar® coating. Special hook for attaching to the top or bottom face.
Anti-corrosion 3-rivet hook - reinforced spring.
The first 10 cm of the tape are fully coated with the Blade Armor™ film.
Fastening hook.

Art.	Dimensions	Qty
NMETS5	5 m	1 Pc



POWER LOCK CLASSIC TAPE MEASURE

19 mm tape with Mylar coating.
Measurements can be read on the window on the top.

Art.	Dimensions	Qty
NMETS7	5 m	1 Pc



PANORAMIC TAPE MEASURE

Synthetic material casing with metal plate at the bottom.
Measurements can be read on the window on the top.

Art.	Dimensions	Qty
NMETS8	3 m	1 Pc



METRIC TAPE MEASURE

- Does not bend up to 3 m in height
- Extra large 25 mm tape
- Giant numbering
- Moveable hook for internal and external measurement

Art.	Dimensions	Qty
NMET001	3 m	1 Pc
NMET002	5 m	1 Pc
NMET003	8 m	1 Pc



TESA® ACX^{plus} DOUBLE-SIDED TAPE

Transparent double-sided tape for structural fixing of glass, steel and aluminium. The paper liner makes manual application of the tape easier. Solid, high performance backing with excellent viscoelastic properties and high bonding power, dissipation of static and dynamic stresses, plus high resistance to temperatures, humidity, UV rays, and chemical agents. Maximum operating temperature 100°C; peak temperature 200°C (max. 20 minutes). Recommended for glass/glass and glass/metal bonding: ideal for compensating different thermal expansions without losing strength. To achieve the best performance, it is recommended to prepare the application surfaces using the specific adhesion promoter, Art. TS100

Bonding strength

Support	Initial bonding strength	Bonding strength after 72 hours
Glass	16 N/cm	24 N/cm
Steel	15 N/cm	24 N/cm
Aluminium	13 N/cm	24 N/cm

Glass/glass junctions



In-line junction



90° junction



T-junction

Art.	Dimensions	Thickness	Qty
TS250065	6 mm x 25 m	0.5 mm	1 Pc
TS25006	6 mm x 25 m	1 mm	1 Pc
TS25009	9 mm x 25 m	1 mm	1 Pc
TS250125	12 mm x 25 m	0.5 mm	1 Pc
TS25012	12 mm x 25 m	1 mm	1 Pc
TS250155	15 mm x 25 m	0.5 mm	1 Pc
TS25019	19 mm x 25 m	1 mm	1 Pc



ADHESION PROMOTER TS100

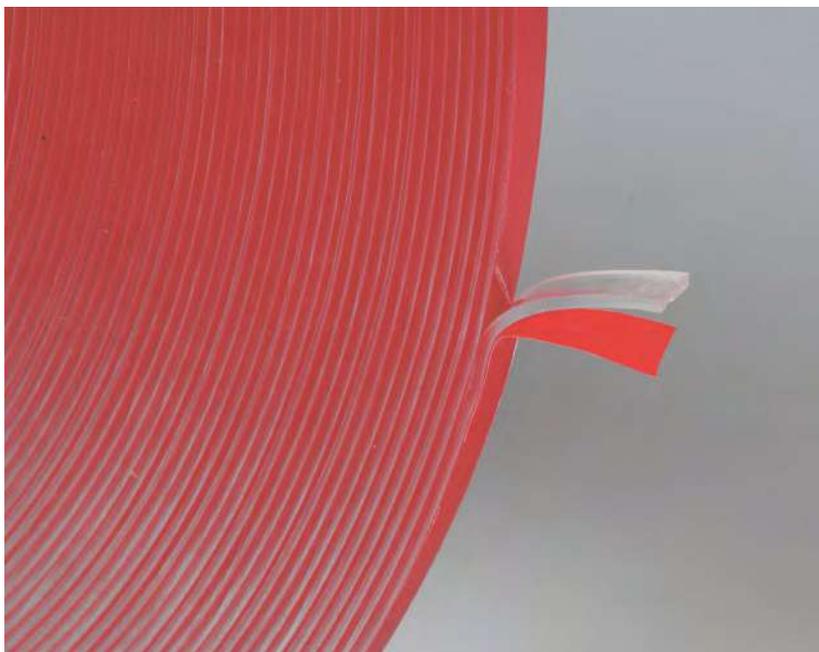
Adhesion promoter for Tesa® ACX^{plus} double-sided tape, specifically for application on glass.
 Mixture of isopropyl alcohol and silane.
 Increases bonding power and eliminates surface moisture.
 Always clean surfaces from powder and greasy residues.
 Apply the product and wait at least 30 seconds for the solvent to evaporate.
 The application time for the double-sided tape is between 5 and 15 minutes after application of the activator.

Art.	Package	Qty
TS100	100 ml	1 Pc



APPLICATION TECHNIQUE FOR ALL DOUBLE-SIDED AND SINGLE-SIDED ADHESIVE TAPES

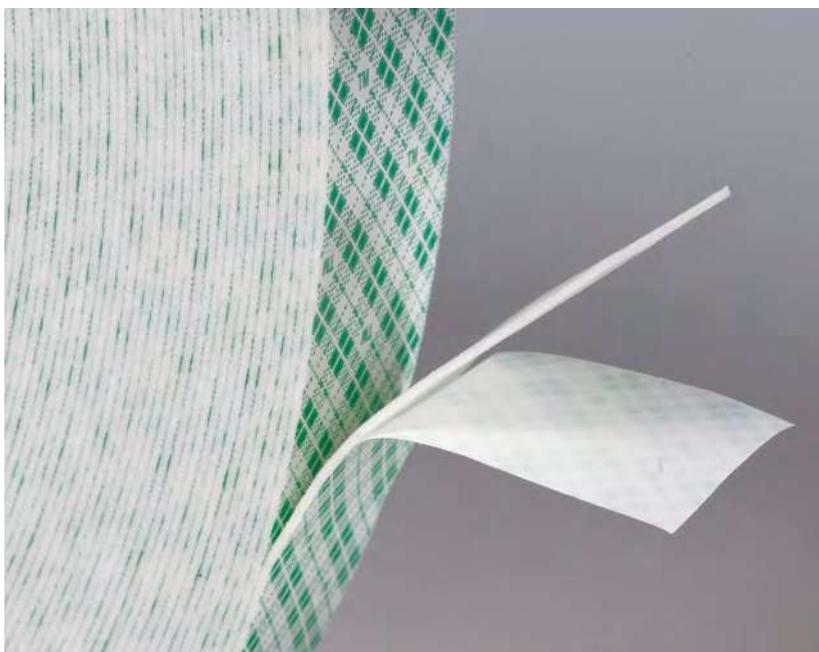
- 1 The bonding strength depends on the contact surfaces. Sufficient application pressure ensures optimum adhesion.
- 2 To achieve the strongest bond, the surfaces to be joined must be dry and smooth.
 Typical solvents which can be used include an isopropyl alcohol and water solution, or heptane.
 Ensure the precautions for use of all solvents are scrupulously observed.
- 3 Apply the tape at a temperature of between 20°C and 40°C.
 Application temperatures of less than 10°C are not recommended because the adhesive becomes too rigid.
 Low temperatures do not matter after application.
- 4 In some cases, the bonding time can be accelerated by heading the application surface to a temperature of approximately 65°C for one hour.
 This provides a better application of the adhesive.



3M DOUBLE-SIDED TAPE

Applications: sealing of glass with resin
Technical properties:
 Transparent
 Red plastic film liner
 Tensile strength on aluminium, at ambient temperature, bonding area 6.45 cm², jaw speed 50 mm/min. : 69 N/cm²
 Static shear load held by 3.23 cm² of adhesive for 10,000 minutes at 93°C: 500g
UV resistance: excellent
Adhesiveness on steel: 26 N/cm
Cutting tolerance: +/- 8 mm
Temperature resistance: continuous 93°C
 short periods 149°C

Art.	Dimensions	*Thickness	Qty
3M4910F	5 mm x 33 m	1 mm ±10%	1 Pc



3M SCOTCH-MOUNT DOUBLE-SIDED TAPE

Applications: Where a lasting high mechanical strength is required
Backing: polyurethane open-cell foam
Bonding system: rigid acrylic
Tape colour: white Liner treated paper with green tartan print
Technical properties:
 Tensile strength on aluminium, at ambient temperature, bonding area 6.45 cm², jaw speed 50 mm/min. : 41.3 N/cm²
 Static shear load held by 3.23 cm² of adhesive for 100 hours at 93°C: 1000g
UV resistance: excellent
Elongation at break: 90%

Art.	Dimensions	*Thickness	Qty
3M4032	25 mm x 66 m	0.8 mm	1 Pc



DOUBLE-SIDED TAPE TWT 1702

Technical note: white polyethylene closed-cell foam with pressure-sensitive synthetic India rubber based adhesive on both sides.

Adhesive results	Average values		Method used
	Side 1	Side 2	
180° peel adhesion - 30 mins (N/25 mm) on stainless steel	> 20	> 20	FTM1 (ASTM D 903)
Bonding test			
900 g - 25 mm x 25 mm (hours)	+ 1000	+ 1000	FTM8
Tape properties			
Tensile strength (N/15 mm)	MD 14	CD 10	DIN 53455
Elongation at break	MD350		DIN 53455
Density	100 kg/m ³		
Protection			
White paper super calendered	90 g/m ²		ISO 536
Heat resistance			
Application temperature range	+10°C/+60°C		
Operating temperature range	-20°C/+60°C		

Chemical resistance
Resistance to water and detergents. Not recommended for applications which involve contact with aliphatic and aromatic solvents

Storage
Two years, if kept at a temperature between 15 and 25°C and at 50% humidity

Art.	Dimensions	Thickness	Qty
BIA001	19 mm x 66 m	0.8 mm	1 Pc
BIA002	25 mm x 66 m	0.8 mm	1 Pc
BIA003	25 mm x 33 m	1.6 mm	1 Pc



SEALING TAPE

Green polyester/silicone sealing tape

Product description:

A green sealing tape for high temperatures made of a polyester backing and a silicone adhesive.

Properties and benefits:

- Easy to apply and remove
- High temperature resistance, up to 220°C (30 mins)
- Very easy to remove without leaving residue

Technical data:

Support	PET
Total thickness	50 µm
Type of adhesive	silicone
Adhesive strength on steel	3 N/cm
Elongation at break	100%
Breaking strength	70 N/cm
Temperature resistance	200°C

Art.	Dimensions	Qty
SGH15	15 mm x 66 m	1 Pc
SGH20	20 mm x 66 m	1 Pc
SGH25	25 mm x 66 m	1 Pc
SGH30	30 mm x 66 m	1 Pc
SGH50	50 mm x 66 m	1 Pc

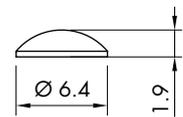
**ADHESIVE PROTECTORS**

Material: polyurethane, self-adhesive, acrylic quick-setting glue

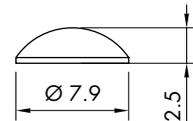
Resistant to UV rays, does not turn yellow - Colour: transparent



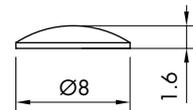
*Hardness in accordance with ASTM D2240

**ROUND ADHESIVE PROTECTORS**

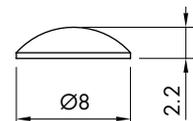
Art.	Pcs per sheet	Hardness*	Qty
GOC001	561	66-70 Shore A	1 Pc

**ROUND ADHESIVE PROTECTORS**

Art.	Pcs per sheet	Hardness*	Qty
GOC005	392	66-70 Shore A	1 Pc

**ROUND ADHESIVE PROTECTORS**

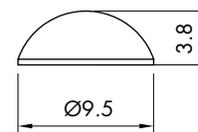
Art.	Pcs per sheet	Hardness*	Qty
GOC006	420	66-70 Shore A	1 Pc

**ROUND ADHESIVE PROTECTORS**

Art.	Pcs per sheet	Hardness*	Qty
GOC007	392	66-70 Shore A	1 Pc



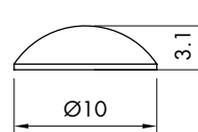
ROUND ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC002	288	66-70 Shore A	1 Pc



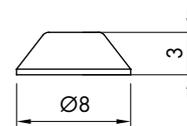
ROUND ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC008	288	66-70 Shore A	1 Pc



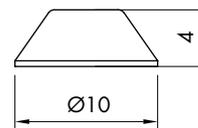
HALF ROUND ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC009	288	66-70 Shore A	1 Pc



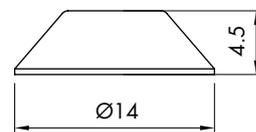
HALF ROUND ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC010	242	66-70 Shore A	1 Pc



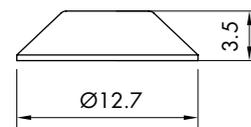
HALF ROUND ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC011	128	66-70 Shore A	1 Pc



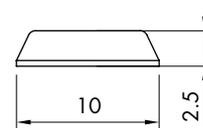
HALF ROUND ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC003	200	66-70 Shore A	1 Pc
GOC003SS	200	50-55 Shore A	1 Pc



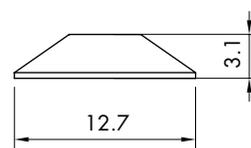
SQUARE ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC004	242	66-70 Shore A	1 Pc



SQUARE ADHESIVE PROTECTORS



Art.	Pcs per sheet	Hardness*	Qty
GOC012	200	66-70 Shore A	1 Pc

**GLASS SUPPORT PROTECTOR**

Material: Soft PVC

Colour: transparent

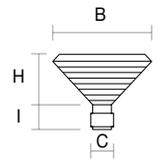


Art.	Dimensions	Thickness	For glass thickness	Qty
APPCRIST08	11 mm x 14 mm	3 mm	8 mm	1 Pc
APPCRIST10	15 mm x 14 mm	3 mm	10 mm	1 Pc
APPCRIST12	17 mm x 14 mm	3 mm	12 mm	1 Pc
APPCRIST15	20 mm x 14 mm	3 mm	15 mm	1 Pc
APPCRIST20	26 mm x 14 mm	3.5 mm	20 mm	1 Pc

**GLASS HOLDER SUCTION CUPS WITH BALL**

Material: PVC

Colour: transparent

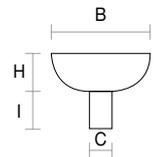


Art.	Dimensions	Package	Qty
VENPAL20	B Ø20 x I 10 x H 4 x C Ø6 mm	100 Pcs	1 Pc
VENPAL25	B Ø25 x I 12 x H 5 x C Ø7 mm	100 Pcs	1 Pc
VENPAL30	B Ø30 x I 13 x H 6 x C Ø8 mm	100 Pcs	1 Pc

**CYLINDRICAL GLASS HOLDER SUCTION CUPS**

Material: PVC

Colour: transparent

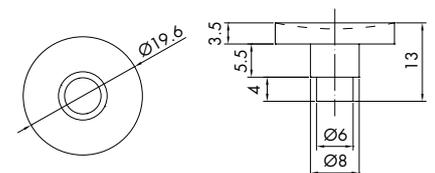


Art.	Dimensions	Package	Qty
VENCIL15	B Ø15 x I 10 x H 4 x C Ø6 mm	100 Pcs	1 Pc
VENCIL20	B Ø20 x I 8.5 x H 6.5 x C Ø6 mm	100 Pcs	1 Pc

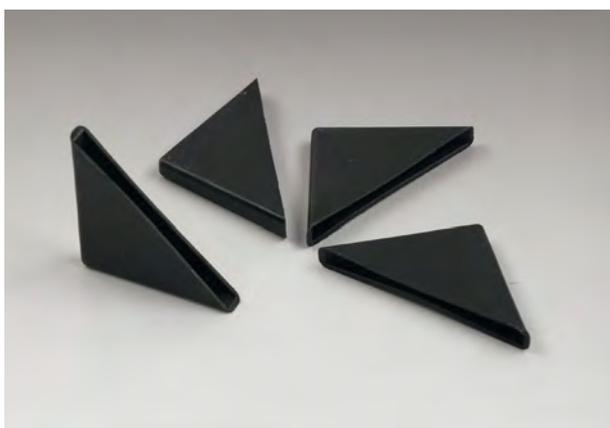
**PVC SUPPORT**

Material: PVC

Colour: white



Art.	Qty
SUPP001	1 Pc



CORNER PROTECTORS

Material: polyethylene

Colour: black

Art.	Dimensions	For glass	Package	Qty
AD3503	35 mm x 35 mm	3-4 mm	100 Pcs	1 Pc
AD3505	35 mm x 35 mm	5 mm	100 Pcs	1 Pc
AD3506	35 mm x 35 mm	6 mm	100 Pcs	1 Pc
AD3508	35 mm x 35 mm	8 mm	100 Pcs	1 Pc
AD3510	35 mm x 35 mm	10 mm	100 Pcs	1 Pc
AD5012	50 mm x 50 mm	12 mm	100 Pcs	1 Pc



CORNER PROTECTORS WITH ROUNDED CORNERS

Material: polyethylene

Colour: black

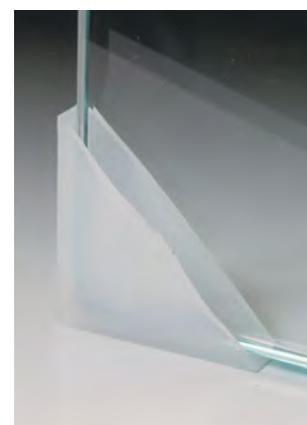
Art.	Dimensions	For glass	Package	Qty
AD5005	50 mm x 50 mm	5 mm	100 Pcs	1 Pc
AD5006	50 mm x 50 mm	6 mm	100 Pcs	1 Pc
AD5008	50 mm x 50 mm	8 mm	100 Pcs	1 Pc
AD5010	50 mm x 50 mm	10 mm	100 Pcs	1 Pc



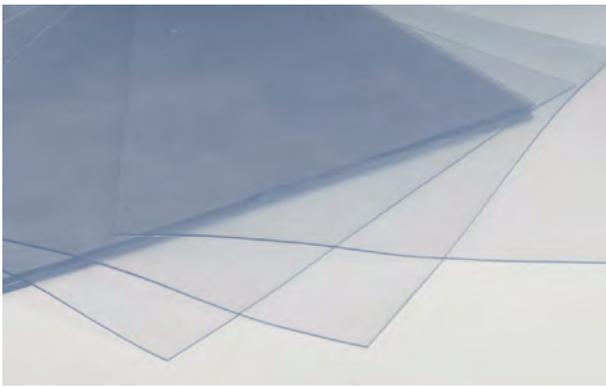
CORNER PROTECTORS

Material: Rigid PVC

Colour: white



Art.	Dimensions	For glass	Qty
SALVSP410	40 mm x 40 mm	4/10 mm	1 Pc
SALVSP1220	50 mm x 50 mm	12/20 mm	1 Pc

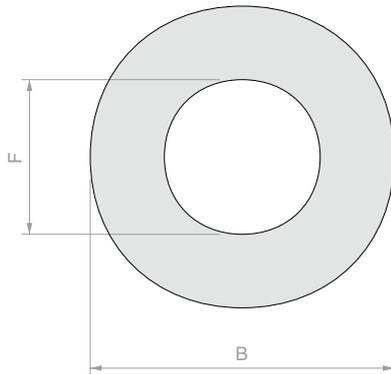
**PVC SHEETS FOR GASKETS**

Material: "Kristal" flexible PVC
 Non-toxic, suitable for bonding
 Operating temperature -10°C to +50°C
 Colour: transparent

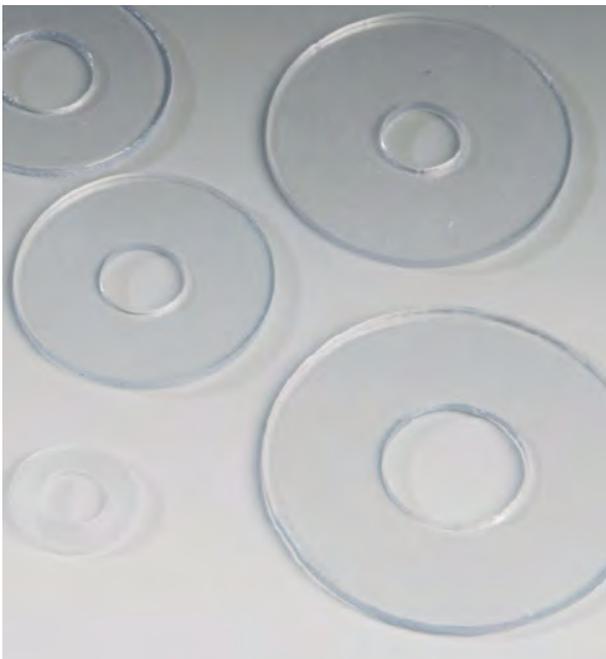
Art.	Dimensions	Thickness	Qty
GUR001	300 mm x 250 mm	1 mm	1 Pc
GUR002	300 mm x 250 mm	2 mm	1 Pc

PRECUT PVC WASHERS

Material: PVC, thickness 1 mm
 Colour: transparent



Art.	B	F	Qty
GT01	Ø14 mm	Ø4.5 mm	1 Pc
GT02	Ø16 mm	Ø6.5 mm	1 Pc
GT03	Ø16 mm	Ø8.5 mm	1 Pc
GT035	Ø16 mm	Ø10.5 mm	1 Pc
GT04	Ø18 mm	Ø5.5 mm	1 Pc
GT041	Ø18 mm	Ø6.5 mm	1 Pc
GT042	Ø18 mm	Ø8.5 mm	1 Pc
GT043	Ø18 mm	Ø10.5 mm	1 Pc
GT05	Ø20 mm	Ø6.5 mm	1 Pc
GT06	Ø20 mm	Ø8.5 mm	1 Pc
GT061	Ø20 mm	Ø10.5 mm	1 Pc
GT07	Ø22 mm	Ø8.5 mm	1 Pc
GT08	Ø24 mm	Ø6.5 mm	1 Pc
GT091	Ø25 mm	Ø6.5 mm	1 Pc
GT09	Ø25 mm	Ø8.5 mm	1 Pc
GT10	Ø25 mm	Ø10.5 mm	1 Pc
GT105	Ø25 mm	Ø12.5 mm	1 Pc
GT11	Ø27 mm	Ø10.5 mm	1 Pc
GT12	Ø30 mm	Ø6.5 mm	1 Pc
GT13	Ø30 mm	Ø8.5 mm	1 Pc
GT14	Ø30 mm	Ø10.5 mm	1 Pc
GT145	Ø30 mm	Ø12.5 mm	1 Pc
GT146	Ø30 mm	Ø14.5 mm	1 Pc
GT15	Ø30 mm	Ø16.5 mm	1 Pc
GT16	Ø30 mm	Ø20.5 mm	1 Pc
GT17	Ø35 mm	Ø8.5 mm	1 Pc
GT185	Ø35 mm	Ø10.5 mm	1 Pc
GT18	Ø35 mm	Ø12.5 mm	1 Pc
GT19	Ø40 mm	Ø10.5 mm	1 Pc
GT195	Ø40 mm	Ø14.5 mm	1 Pc
GT20	Ø40 mm	Ø20.5 mm	1 Pc
GT215	Ø45 mm	Ø10.5 mm	1 Pc
GT216	Ø45 mm	Ø18.5 mm	1 Pc
GT217	Ø45 mm	Ø28.5 mm	1 Pc
GT21	Ø50 mm	Ø10.5 mm	1 Pc
GT22	Ø50 mm	Ø15.5 mm	1 Pc
GT23	Ø50 mm	Ø25.5 mm	1 Pc
GT231	Ø55 mm	Ø10.5 mm	1 Pc
GT235	Ø60 mm	Ø12.5 mm	1 Pc
GT24	Ø75 mm	Ø25.5 mm	1 Pc

**CORK PROTECTOR PADS WITH PVC FOAM**

Material: agglomerated cork with polymer binder and PVC foam

Art.	Dimensions	Package	Qty
TASA1820	18 mm x 18 mm x 2 mm	5 sheets x 162 Pcs	1 Pc
TASA1830	18 mm x 18 mm x 3 mm	5 sheets x 162 Pcs	1 Pc



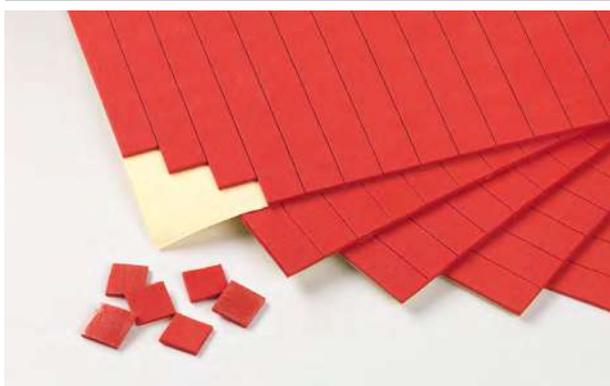
CORK PROTECTORS WITH DOUBLE-SIDED TAPE

Art.	Dimensions	Package	Qty
TASB120	18 mm x 18 mm x 2 mm	5 sheets x 162 Pcs	1 Pc
TASB130	18 mm x 18 mm x 3 mm	5 sheets x 162 Pcs	1 Pc



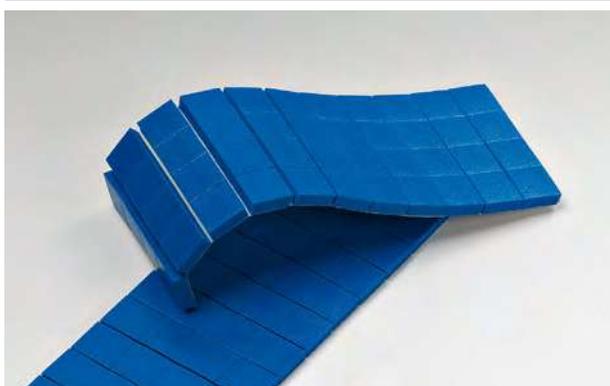
CORK PROTECTORS

Art.	Dimensions	Package	Qty
TASS006	10 mm x 10 mm x 1 mm	10.000 Pcs	1 Pc
TASS007	10 mm x 10 mm x 2 mm	10.000 Pcs	1 Pc
TASS008	10 mm x 10 mm x 3 mm	10.000 Pcs	1 Pc
TASS009	20 mm x 20 mm x 2 mm	2.500 Pcs	1 Pc
TASS010	20 mm x 20 mm x 3 mm	2.500 Pcs	1 Pc



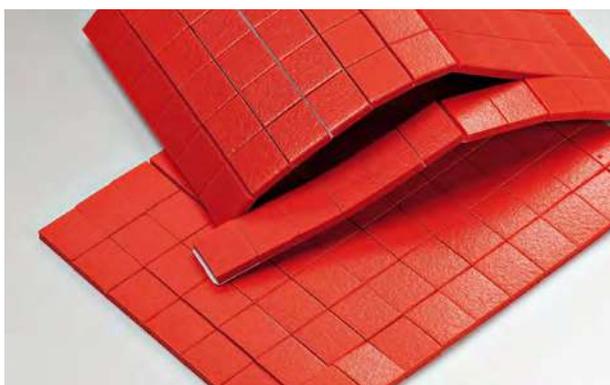
RED EVA PROTECTORS WITH DOUBLE-SIDED TAPE

Art.	Dimensions	Density	Package	Qty
TASR20	18 mm x 18 mm x 2 mm	Medium	5 sheets x 162 Pcs	1 Pc
TASR30	18 mm x 18 mm x 3 mm	Medium	5 sheets x 162 Pcs	1 Pc



BLUE PVC PROTECTORS MEDIUM DENSITY

Art.	Dimensions	Density	Package	Qty
TPC04	15 mm x 15 mm x 4 mm	Medium	4450 Pcs	1 Pc
TPC06	20 mm x 20 mm x 4 mm	Medium	2500 Pcs	1 Pc



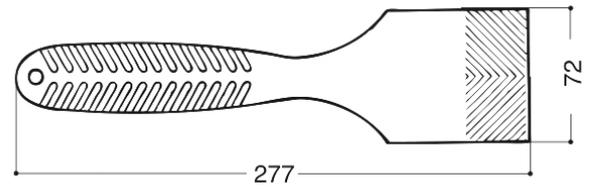
RED PVC PROTECTORS HIGH DENSITY

Art.	Dimensions	Density	Package	Qty
TPC10	16 mm x 18 mm x 4 mm	High	28,000 Pcs	1 Pc

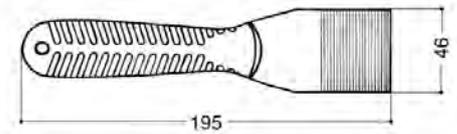


GLASS RAISING SHOVEL

Material: Nylon



SPVS4008



SPVS4002

Art.	Qty
SPVS4008	1 Pc
SPVS4002	1 Pc



PILLOW-UP

System for positioning and fitting glass without using shims, protects the glass from chipping or scratching and makes it easier to level the glass, for quicker and professional installation.

Made of high strength material which can support loads of up to 100 kg. Its thin construction of between 2 and 50 mm is suitable for small installation spaces.

Art.	Dimensions	Load	Qty
PW-UP	145 mm x 160 mm	100 kg	1 Pc

**BLACK FELT**

Composition: 100% polypropylene
 Cohesion support: synthetic latex
 Total weight: 620 g/m² ± 10%
 Resistance to fire: BFL-S1
 Thickness: 2.5 mm ± 10%

In case of order, the dimension will be rounded up every 0.5 m.

Art.	Dimensions	Qty
FN4	4000 mm	per m ²

**GLASS-TIC ALU TAPE**

Cotton fabric open mesh tape, impregnated on both sides with an anti-corrosion material made of petroleum jelly and reinforced synthetic polymers. The outer side of the GLASS-TIC ALU tape is covered with a toughened aluminium film, thickness 40 micron. Water- and gas-proof, resistant to UV rays and adverse weather conditions.

Applications: permanent sealing of glazed roofs

Technical properties: thickness 1.2 mm +/- 10%

Aluminium thickness: 40 µm

Tensile strength: N/mm 9 Elongation at break: 5%

Water vapour permeability: < 0.1 g/m² 24 h

Adhesiveness on steel glass: 0.5 N/10 mm

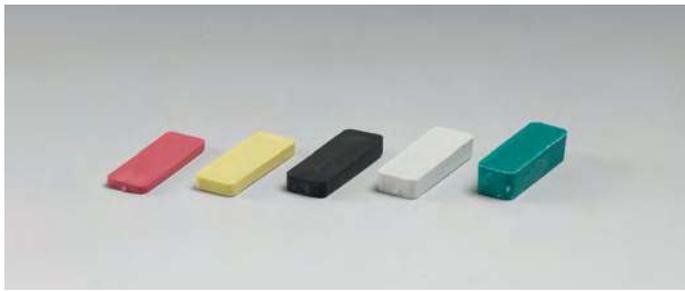
Water vapour permeability: < 0.1 g/m² 24 h

Adhesiveness on steel glass: 0.5 N/10 mm

Operating temperature: from - 40 to + 65°C

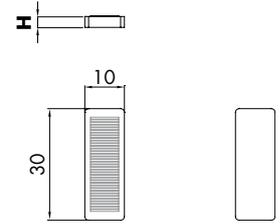
Application temperature: From + 5 to + 40°C

Art.	Dimensions	Qty
FGLASST	100 mm x 10 m	1 Pc



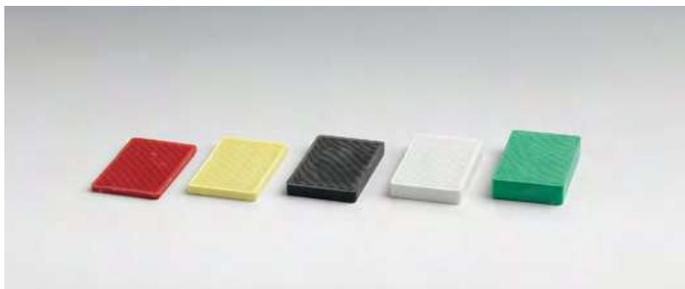
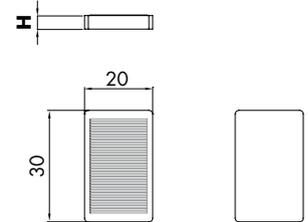
PLASTIC SHIMS 10 x 30

Art.	H	Package	Colour	Qty
SPE2392	2 mm	≈ 1200 Pcs	red	1 Kg
SPE2393	3 mm	≈ 1000 Pcs	yellow	1 Kg
SPE2394	4 mm	≈ 600 Pcs	black	1 Kg
SPE2395	5 mm	≈ 500 Pcs	white	1 Kg
SPE2397	7 mm	≈ 400 Pcs	green	1 Kg



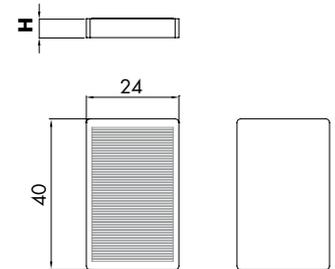
PLASTIC SHIMS 20 x 30

Art.	H	Package	Colour	Qty
SPE2402	2 mm	≈ 600 Pcs	red	1 Kg
SPE2403	3 mm	≈ 400 Pcs	yellow	1 Kg
SPE2404	4 mm	≈ 300 Pcs	black	1 Kg
SPE2405	5 mm	≈ 250 Pcs	white	1 Kg
SPE2407	7 mm	≈ 200 Pcs	green	1 Kg



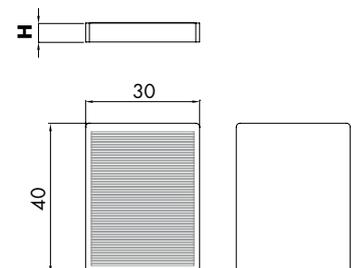
PLASTIC SHIMS 24 x 40

Art.	H	Package	Colour	Qty
SPE2502	2 mm	≈ 350 Pcs	red	1 Kg
SPE2503	3 mm	≈ 250 Pcs	yellow	1 Kg
SPE2504	4 mm	≈ 200 Pcs	black	1 Kg
SPE2505	5 mm	≈ 150 Pcs	white	1 Kg
SPE2507	7 mm	≈ 100 Pcs	green	1 Kg



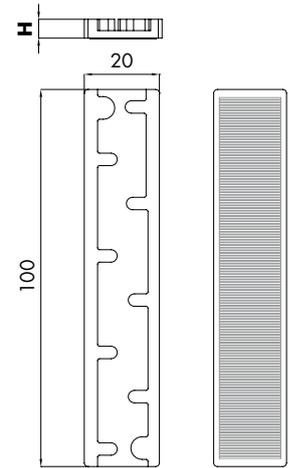
PLASTIC SHIMS 30 x 40

Art.	H	Package	Colour	Qty
SPE2602	2 mm	≈ 300 Pcs	red	1 Kg
SPE2603	3 mm	≈ 200 Pcs	yellow	1 Kg
SPE2604	4 mm	≈ 150 Pcs	black	1 Kg
SPE2605	5 mm	≈ 100 Pcs	white	1 Kg
SPE2607	7 mm	≈ 100 Pcs	green	1 Kg





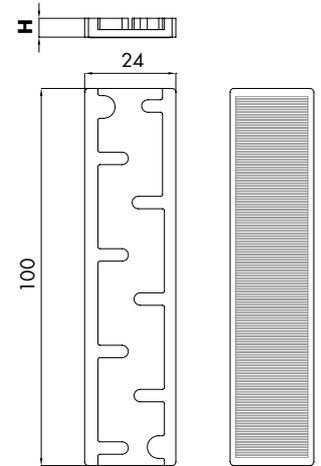
PLASTIC SHIMS 20 x 100



Art.	H	Package	Colour	Qty
SPE2702	2 mm	≈ 150 Pcs	red	1 Kg
SPE2703	3 mm	≈ 200 Pcs	yellow	1 Kg
SPE2704	4 mm	≈ 150 Pcs	black	1 Kg
SPE2705	5 mm	≈ 100 Pcs	white	1 Kg
SPE2707	7 mm	≈ 100 Pcs	green	1 Kg



PLASTIC SHIMS 24 x 100



Art.	H	Package	Colour	Qty
SPE2802	2 mm	≈ 200 Pcs	red	1 Kg
SPE2803	3 mm	≈ 150 Pcs	yellow	1 Kg
SPE2804	4 mm	≈ 100 Pcs	black	1 Kg
SPE2805	5 mm	≈ 100 Pcs	white	1 Kg
SPE2807	7 mm	≈ 90 Pcs	green	1 Kg



WINDOW AERATORS

Material: transparent plastic
Colour: transparent

Art.	Hole > Glass Thickness	Description	Qty
AER1	Ø120 mm > Max. thickness 16 mm/Ø128 mm > Thickness 16-22 mm	With fan and lock	1 Pc
AER2	Ø160 mm > Max. thickness 16 mm/Ø168 mm > Thickness 16-22 mm	With fan and lock	1 Pc
AER3	Ø160 mm > Max. thickness 16 mm/Ø168 mm > Thickness 16-22 mm	With rain grid and mesh	1 Pc
AER4	Ø200 mm > Max. thickness 16 mm/Ø208 mm > Thickness 16-22 mm	With fan and lock	1 Pc
AER5	Ø200 mm > Max. thickness 16 mm/Ø208 mm > Thickness 16-22 mm	With rain grid and mesh	1 Pc
AER6	Ø240 mm > Max. thickness 12 mm	With fan and lock	1 Pc
AER7	Ø240 mm > Max. thickness 8 mm	With electric fan	1 Pc



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N2AF57	67	NDSG19	65	PROG28	71	SQTV3000	57	UDFORSV1	60
N2AF59	67	NMET001	80	PROG30	71	SQTV3500	57	UDFORSV2	60
N2AF60	67	NMET002	80	PUN001	61	SQTVVS400	57	UDFS1	61
N2AF64	67	NMET003	80	PUN002	61	SUPP001	86	UDFS10	60
N2AF65	67	NMETS5	80	PUN20	61	SUV90I	34	UDFS12	60
N2AF67	67	NMETS7	80	PUN30	61	SUVREGH	34	UDFS14	60
N2AF69	67	NMETS8	80	PW-UP	90	TAG-H28	53	UDFS16	60
N2AF691	67	NML10	72	RIGA001	56	TAG-PT	53	UDFS2	61
N2AF692	67	NML12	72	SABB1	68	TAG-S1519	53	UDFS4	60
N2AF693	67	NML14	72	SABB2	68	TAG-T612	53	UDFS6	60
N2AF694	67	NML16	73	SABB3	68	TAG-TK	53	UDFS8	60
N2AF70	67	NMLKIT18	73	SABB4	68	TAG003	51	UDFX012	61
N2AF71	67	NSG01V	63	SALVSP1220	87	TAG004	51	UDFX013	61
N2AF72	67	NSG03N	63	SALVSP410	87	TAG007	51	UDFX014	61
N2AF73	67	NSG05R	63	SGH15	83	TAG013	51	UDFX015	61
N2AF74	67	NSG07G	63	SGH20	83	TAG016	51	UDFX017	61
N2AF75	67	NSG09B	63	SGH25	83	TAG1200	53	UDFX018	61
N2AF76	67	NSG11BLU	63	SGH30	83	TAG1500	53	UDFX020	61
N2AF77	67	NSGST01	61	SGH50	83	TAG1800	53	UDFX021	61
NCH00	67	NSGST03	61	SPE2392	92	TAG2100	53	UDFX022	61
NCH01	67	NSGST05	61	SPE2393	92	TAG600	53	UDFX023	61
NCH03	67	NSGST07	61	SPE2394	92	TAG900	53	UDSV05	60
NCH05	67	NSGST09	61	SPE2395	92	TAL13046	49	UDSV06	60
NCH062	67	NSSG01	65	SPE2397	92	TAL1404MD	49	UDSV07	60
NCH07	67	NSSG03	65	SPE2402	92	TAL14060	49	V90ER	35
NCH09	67	NSSG05	65	SPE2403	92	TAL15078	49	V90I	35
NCH10	67	NSSG07	65	SPE2404	92	TAL15098	49	V90IR	34
NCH12	67	NSSG09	65	SPE2405	92	TAL15120	49	VEN004	77
NCH14	67	NSSG11	65	SPE2407	92	TALC	49	VEN006	75
NCH16	67	NSSG13	65	SPE2502	92	TALCP4	49	VEN0065	75
NCH17	67	NSSG15	65	SPE2503	92	TALCRD	50	VEN0068	75
NCH19	67	NSSG17	65	SPE2504	92	TALCROVI	50	VEN009	77
NCH21	67	NSSG19	65	SPE2505	92	TALCSA	49	VEN204	76
NCH23	67	NSSG21	65	SPE2507	92	TALCSDA	49	VEN244	75
NCH25	67	NSSG23	65	SPE2602	92	TALCSM	49	VENCIL15	86
NCSG01	66	NSSG25	65	SPE2603	92	TALCSROVI	50	VENCIL20	86
NCSG03	66	NSSG27	65	SPE2604	92	TALRO12030	48	VENPAL20	86
NCSG05	66	NSSG29	65	SPE2605	92	TALRO4114	48	VENPAL25	86
NCSG07	66	NSSG31	65	SPE2607	92	TALRO4514	48	VENPAL30	86
NCSG09	66	NSSG33	65	SPE2702	93	TALRO5013	48	VP15	77
NCSG11	66	NSSG35	65	SPE2703	93	TALRO5015	48	VP20	77
NCSG13	66	NSSG37	65	SPE2704	93	TALRO5614	48	VP8	77
NCSG15	66	NSSG39	65	SPE2705	93	TALRO5815	48	VT01	76
NCSG17	66	NSSG41	65	SPE2707	93	TALRO6015	48	VT03	76
NCSG19	66	NSSG43	65	SPE2802	93	TALRO6016	48	VT110	76
NCSG21	66	NSSG45	65	SPE2803	93	TASA1820	88	VT180	76
NCSG23	66	NSSG47	65	SPE2804	93	TASA1830	88	VT35	77
NCSG25	66	NSSG49	65	SPE2805	93	TASB120	89	VT68	77
NCSG27	66	NSSG51	65	SPE2807	93	TASB130	89		
NCSG29	66	NSSG53	65	SPVS4002	90	TASR20	89		
NCSG31	66	NSSG55	65	SPVS4008	90	TASR30	89		
NCW26	67	NSSG57	65	SQ002	56	TASS006	89		
NCW27	67	NSU001	66	SQ003	56	TASS007	89		
NCW28	67	NSU002	66	SQ004	56	TASS008	89		
NCW29	67	NSU004	66	SQ005	56	TASS009	89		
NCW34	67	NSU005	66	SQ006	56	TASS010	89		
NCW39	67	NSU006	66	SQ007	56	TCC-H28	53		
NCW41	67	NSU007	66	SQHB1050	56	TCC-S1519	53		
NCW43	67	OIL31301	55	SQHB600	56	TCC-T612	53		
NCW44	67	OIL313025	55	SQHB800	56	TPC04	89		

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