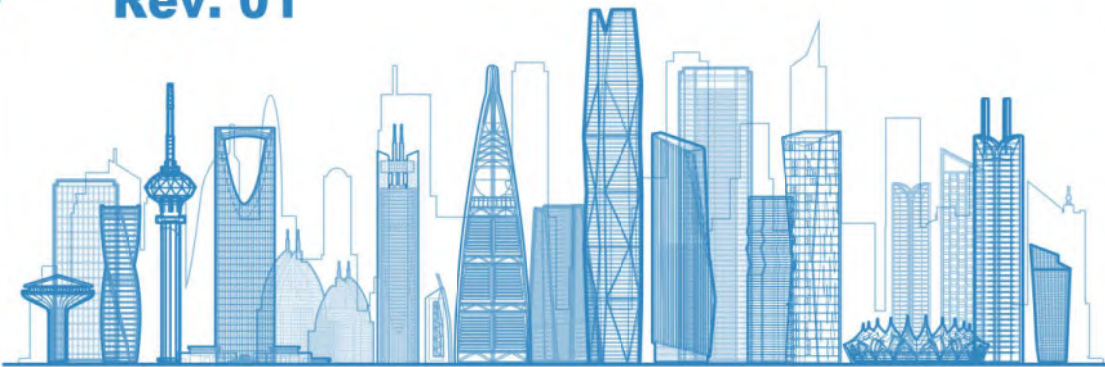


DORMAN®

Quality for Professionals



Rev. 01



INSULATING GLASS MATERIALS

General Brochure 2023

Brands We Deal With

FENZI

KCC



SILANDE

Profilglass®

Our Exclusive Brand

DORMAN®



MANNA GLASS COMPANY

Glass and Stainless Accessories

4162 Ibn Awn St. - Old Ind. Area - Riyadh 12845 - Saudi Arabia

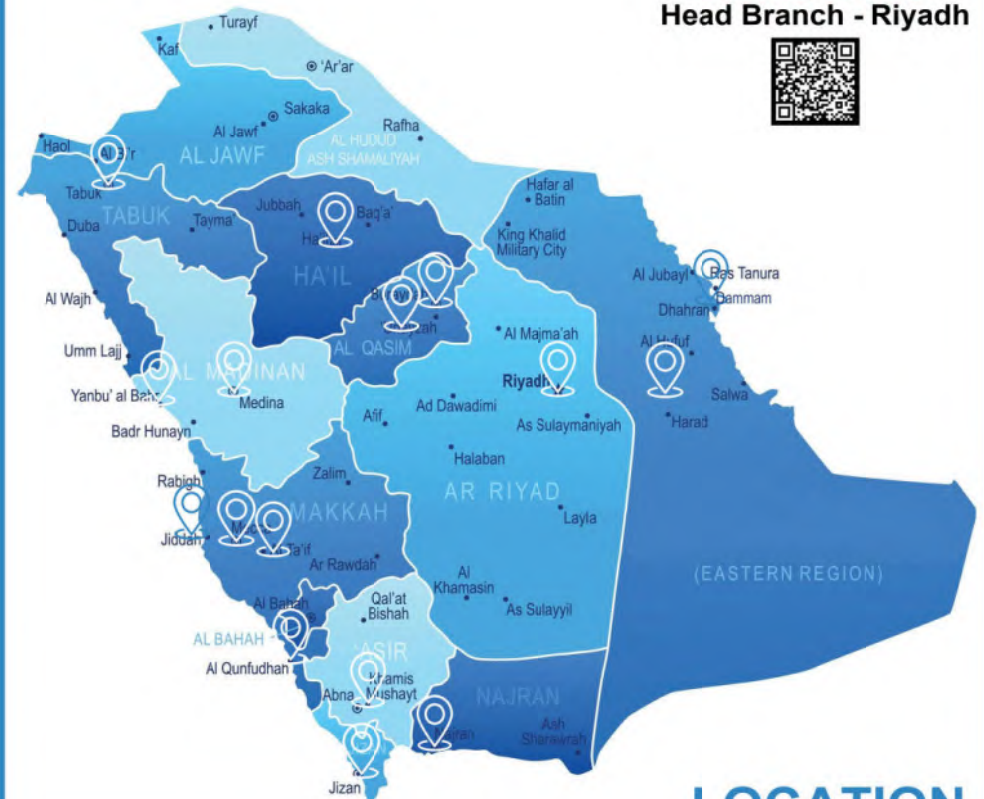
Tel. :2955509 Ext. 101

E-mail: accessories@mannaglass.sa | www.mannaglass.sa

Quality for Professionals



Head Branch - Riyadh



LOCATION

Our valued customer

We would like to express our gratitude and thanks to all our customers and employees.

Your collaboration has made it possible for Dorman® to grow into a recognized brand in the Kingdom of Saudi Arabia. We strive to constantly improve and offer our customers the best possible solutions to enhance their business.

About

Dorman® Hardware

For 60 years, we have been providing Glass & Stainless Steel Accessories from storefront to home front, interior or exterior, repair or replacement, from windows, domes, skylights to wall mirrors, shower enclosures, handrail to sliding, folding, automatic sliding Doors, using high-quality different types of glass from sandblasted, fused, back painted, screen printed, to stained glass.

As an established & leading Architectural Glass fixings Company, we offer a wide range of glass products to suit all architectural applications. With our diverse portfolio of products, which includes Products for Double Glazing, Accessories for the production of windows, facades, interior office doors, commercial doors, railings, and bathroom doors, Metal & Hardware and Glass Machineries. We can offer Customized Solutions to all your design requirements and specifications. Our company has extensive in the field of Glass & Stainless-Steel Accessories and we supply a customer network in the Kingdom of Saudi Arabia, making safe and quick shipments to all destinations.

Our line of glass processing types of machinery includes double straight edging machines, straight beveling shape machines, vertical drilling equipment, glass washing and cutting machines, vertical insulating and glass lifting equipment.

We operate our business with Trust, Honesty, Mutual Commitment, Reliable Customer Service, and Exceptional Work Ethics. For years our clients keep referring us to their friends and associates. We service a variety of clientele, from renovators, ID contractors, and architects, to designers, property developers, and individual homeowners.

**For all your glass needs with
exceptional Quality and services.**

Sense the High quality and harmony that only Dorman® can bring.

All jobs are handled by our own Glass Professionals with the safest solution possible and are completed on budget, on time, with no mess left behind.

Our design team will customize glass to your requirements with Creativity and Exclusivity as well as ensuring on the safety of the type of glass

Manna Glass Company takes pride as the exclusive Founder of the "Dorman®" brand, carrying the 9001 – 2008 certified manufacturers in China of genuine products with exceptional quality, which is offered in whole Kingdom of Saudi Arabia, and soon in other parts of the world.

We have some of the best brains in the industry comprising of people who are techno - commercial having a sense of business & acumen to understand the customer needs and aspirations.

Dorman® service and technical support as well as warranty and innovation, offers a serious solution and a responsible partner, for any company working with glass, steel and aluminum.

Vision & Mission

We Would like to be seen by our clients as a pioneer source for all Architectural Glass applications and products, and a glass specialist that provides Glass Solutions.

Fulfill effectively all glass needs with

Quality Service
Unique Products
Magical Beauty
Safest Installation
Timely Delivery
Competitive Price

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**INSULATING GLASS
MATERIALS
2023**

FENZI BUTYL PRIMARY SEALANT

The ideal solution for internal insulation (primary barrier) in IG units.

Butylver is a high-quality polyisobutylene (PIB), one-component, totally solvent-free sealant. It features minimal permeability to water vapor & gases, high resistance to ageing, & excellent adhesion properties to glass and metal spacer systems and can be used together with Fenzi Thiover Polysulphide and other conventional secondary sealants. It comes in three colors to facilitate structural matching.

Base: Poli-isobutylene **Colour:** Black

Density: Approx. 1.08 gr/cm³

Storage: 1 Year in dry and fresh rooms

Packing: 7Kg Slug (diam. 190 mm)

Appearance: Solid Mass

Box Qty: 4 Slugs

MANNA GLASS COMPANY
Glass and Stainless Accessories

FENZI

Pibfenzi/28 - 7kg Slug



Made In Italy



Article No:

FBS-07

Description:

Fenzi Butyl Primary Sealant - Slug 7Kg

SILANDE BUTYL PRIMARY SEALANT

The hot-melt butyl sealant keeps its plasticity and seal ability in a wide temperature range, and its surface is not cracked and hard. It has good adhesion to glass, aluminum alloy, galvanized steel, stainless steel and other materials. It comes in four colors to facilitate structural matching.

Features: Good sealing effect, Easy quality assurance; Environmental protection products, No waste, Clean environment; Save your time; No curing period, Saving floor area.

Base: Poli-isobutylene **Colour:** Black

Density: Approx. 1.05 g/cm³

Storage: 2 Year in dry and fresh rooms

Packing: 7Kg Slug (diam. 190 mm)

Appearance: Solid Mass

Box Qty: 4 Slugs

MANNA GLASS COMPANY
Glass and Stainless Accessories



PibSilande/91 - 7kg Slug
Hot Melt Adhesive



Made In PRC
SILANDE

Article No:

MF910

Description:

Hot Melt Butyl Sealant For IG - Slug 7Kg

SILANDE BUTYL PRIMARY SEALANT

The hot-melt butyl sealant keeps its plasticity and seal ability in a wide temperature range, and its surface is not cracked and hard. It has good adhesion to glass, aluminum alloy, galvanized steel, stainless steel and other materials. It comes in four colors to facilitate structural matching.

Features: Good sealing effect, Easy quality assurance; Environmental protection products, No waste, Clean environment; Save your time; No curing period, Saving floor area.

Base: Poli-isobutylene **Colour:** Black

Density: Approx. 1.1/1.25 g/cm³

Storage: 2 Year in dry and fresh rooms

Packing: 7Kg Slug (diam. 190 mm)

Appearance: Solid Mass

Box Qty: 4 Slugs

MANNA GLASS COMPANY
Glass and Stainless Accessories



PibSilande/91 - 7kg Slug
Hot Melt Adhesive



Made In PRC
SILANDE

Article No:

MF910G

Description:

Hot Melt Butyl Sealant For IG - Slug 7Kg

FENZI THIOVER SEALANT FOR IG UNIT

Fenzi Thiover polysulfide sealant especially formulated for sealing the insulating glass units. Thiover sealants are produced in different types to suit individual requirements of the operator and of the equipment in use. Thiover sealants are totally solvent free & can be used either to produce double and triple panels.

Kit Includes:

- Part A Base Only - 191L/343kg
- Part B Catalyst - 19L/32.5kg

Features:

- Base colour - Ivory
- Catalyst colour - Black
- Adapts to all weather conditions

Applications:

Excellent on glass, aluminum & stainless steel.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Part A (Base): Ivory
Part B (Catalyst): Black

Made In Italy



Article No:

FTS-08

Description:

Fenzi Thiover Sealant for IG Unit

SILICONE STRUCTURAL SEALANT

SILANDE® MF881 is a two-component neutral cured silicone sealant specifically developed for the manufacturing of high performance insulating glass units used in residential and commercial use of curtain wall systems and used in structural glazing applications such as factory glazing of curtain wall units and modules of unitized and panelized systems.

Features:

1. Excellent adhesion to a wide range of substrates including coated, enamelled and reflective glasses, anodised and polyester paint coated aluminum and stainless steel.
2. Excellent temp. stability: -60°C to 180°C.
3. High level of mechanical properties.
4. High elasticity and high modulus.
5. Joint movement: $\pm 25\%$.
6. Resistant to ozone.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Component A barrel 190L/300kg
Component B pail 19L/19.6kg
Color: Black, Grey, White



Made In PRC

SILANDE

Article No:

MF-881

Description:

Silicone Structural Sealant (Part A + Part B)

SILICONE SEALANT FOR IG UNIT

SILANDE® MF882 is a two component, neutral curing silicone sealant designed for insulating glass applications in windows and doors, vehicles and refrigerators. The sealant can also be used to finish the edges of frames in curtain wall systems.

SILANDE® MF882 should not be used for structural applications without the prior written approval of SILANDE® QC Department.

Features:

1. Excellent adhesion to a wide range of substrates including coated, enamelled and reflective glasses, anodised and polyester paint coated aluminum and stainless steel.
2. Excellent temp. stability: -60°C to 180°C.
3. High level of mechanical properties.
4. High elasticity and high modulus.
5. Resistant to ozone.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Made In PRC

Component A barrel 190l/300kg
Component B pail 19l/19.6kg
Color: Black, Grey, White



SILANDE

Article No:

MF-882

Description:

Silicone Sealant for IGU (Part A + Part B)

STRUCTURAL GLAZING SEALANT

Introduction:

KCC SL820 is a neutral cure silicone sealant designed for structural glazing units used in curtain-wall construction.

Application:

- ✓ Silicone Sealant for SSG application bonding, Sealing for fabrication for assembly line.

Main Properties:

- 2-component type & allows easy adjustment of cure rate.
- Non-corrosive to metals.
- Excellent weathering resistance.
- Outstanding/Exc. physical properties for SSG (High-Modulus & High Strength).
- Remain flexible at low and high temperature (-40°C ~ 150°C).

MANNA GLASS COMPANY
Glass and Stainless Accessories



Made In Korea

Component A barrel 185l/270kg
Component B pail 19l/19.3kg
Color: White, Black



Article No:

SL820(E)

Description:

Structural Glazing Sealant (Base + Curing Agent)

STRUCTURAL I/G UNIT SEALANT

Introduction:

KCC SL822 is a neutral cure silicone sealant designed for insulating glass units used in structural glazing.

Application:

- ✓ Secondary sealant for insulating glass units and can be applied to SSG system.
- ✓ Auto sealing machine & Manual machine both are applicable.

Main Properties:

- 2-component type & allows easy adjustment of cure rate.
- Non-corrosive to metals.
- Excellent weathering resistance.
- Outstanding/Exc. physical properties (High Modulus & High-Strength).

MANNA GLASS COMPANY
Glass and Stainless Accessories



Made In Korea

Component A barrel 185l/270kg
Component B pail 19l/19.3kg
Color: White, Black



Article No:

SL822

Description:

Structural I/G Sealant (Base + Curing Agent)

GENERAL PURPOSE SILICONE SEALANT

Dorman® 818 is an acetic cure, elastic one component ready to use silicone sealant with high UV and water resistance.

It is most suitable for non-porous surfaces such as glass, ceramics, vitreous surfaces as well as porous surfaces.

It is very suitable for automobiles, cars, boat, construction work, glass, house, aluminum, non oily wood and hardware applications etc.

Advantages:

- ✓ Short tack free time.
- ✓ Excellent UV resistance.
- ✓ Good adhesion on glass.
- ✓ Excellent sealing properties.
- ✓ Ready to use, low modulus, highly elastic.
- ✓ Suitable for interior and exterior applications.

MANNA GLASS COMPANY
Glass and Stainless Accessories



LOW MODULUS & UV RESISTANCE



Most Evergreen Product

Available Colors: White, Beige, Black, Clear, Grey

Volume: 280ML Cartridge 24 Cartridges/Box

Shelf Life: Max. 12 Months at 8°-25°C temperature

Article No:

DM 818

Description:

General Purpose Silicone Sealant

GENERAL PURPOSE ACRYLIC SEALANT

DM 777 is a one-part, general purpose acrylic sealant which can be used internally or externally. It cures on exposures to the atmosphere to form a flexible sealant.

It is used as a duct sealer for indoor & outdoor use and also suitable for low to high pressure metal air distribution systems.

HIGH QUALITY

Advantages:

- ✓ Non-staining, Easy to use.
- ✓ Mold and mildew resistance.
- ✓ Can be applied in any season.
- ✓ Colorfast, UV-resistant, Non-sag.
- ✓ Excellent water resistance, Paintable.
- ✓ Non-flammable, Permanently flexible.

MANNA GLASS COMPANY
Glass and Stainless Accessories



GOOD ADHESION AND ELASTICITY



MOLD RESISTANT



Most Sold Product

Available Colors: White, Beige, Black, Clear, Grey
Volume: 300ML Cartridge 24 Cartridges/Box
Shelf Life: Max. 12 Months at 8°-25°C temperature

Article No:

DM 777

Description:

High Performance General Purpose Acrylic Sealant

MULTI-PURPOSE MODIFIED SEALANT

NS799 is the tough, very durable elastomeric joint sealant suitable for use in a wide range of external and internal building applications. It is based upon SMP technology and has been formulated for sealing joints in and around concrete, brick, masonry, pre-cast panels, stone cladding, windows, doors, and fiber cement sheeting.

Advantages:

- ✓ Good primerless* adhesion to most common building materials.
- ✓ Paintable any time after curing, w/ water-based paints (Compatibility testing recommended prior to full application).
- ✓ Will not stain masonry, marble or other surfaces.
- ✓ Neutral cure, Highly flexible, Low odour, very durable.

MANNA GLASS COMPANY
Glass and Stainless Accessories



GOOD BONDING AND SEALING



High Demand Product

Available Colors: White, Beige, Black, Clear, Grey
Volume: 300ML Cartridge 24 Cartridges/Box
Shelf Life: Max. 12 Months at 8°-25°C temperature

Article No:

NS799

Description:

Multi-Purpose Modified Silicone Sealant

STRUCTURAL GLAZING SPACER TAPE

Structure Glazing Tape is widely used for Glass Glazing application. It bonds glass with any metal and is widely used in construction works for the advantages like strong bonding, consumes less time and hence saving labor cost.

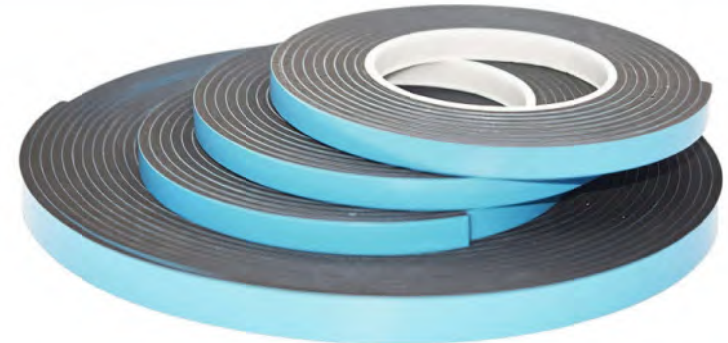
Features:

- High density foam. Hard than usual foam.
- Excellent holding power; peel strength and initial adhesion.
- Anti shock, heat and humidity resistance.
- Superior stick capabilities to different surfaces such as: metal; plastic; paper; and silicon.

Applications:

- Structural silicone systems.
- Proofing sound, resisting shock in the areas such as construction region.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Made In PRC



Sizes

6.4*6MM*12M, 6.4*9MM*12M,
6.4*12MM*12M, 9*8MM*9M



Made In Italy

Article No:

SGT-PRC/ITL

Description:

Structural Glazing Spacer Tape

BUTYL DOUBLE ADHESIVE TAPE

Butyl double adhesive sealant tape is used for the first sealing of insulating glass. Excellent waterproof adhesion and resistance, used with any series of sealants, no "Yellow water" phenomenon. It is made by using butyl rubber as base material, adding appropriate amount of reinforcement and tackifier. This product has excellent anti-ultraviolet aging, extremely low water vapor transmission rate & good adhesion strength to glass and metal. It has been widely used in the internal sealing of insulating glass, & its technical performance ranks domestically advanced.

Usage: Paste on both sides of the aluminum spacer bar for insulating glass, instead of applying hot-melt butyl sealant, simplify the production process of insulating glass.

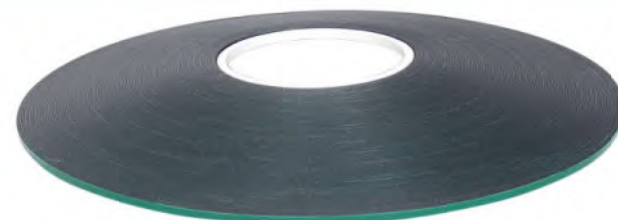
Specifications: 0.8*4MM*50M | 100 Rolls/Box.

MANNA GLASS COMPANY
Glass and Stainless Accessories



AL7
AL7 - MEIPA Srl

Made In PRC



Made In Italy

Article No:

DM-BAT

Description:

Butyl Rubber Double Adhesive Sealant Tape

IG MOLECULAR SIEVES - DESICCANT

Dorman® Insulating glass molecular sieves can absorb both water and residual organic matter in the insulating glass at the same time, so that the insulating glass can remain clean and transparent even at very low temperatures. At the same time, they can fully reduce the strong internal and external pressure difference of the insulating glass due to the great changes of season & day-night temperature difference. It also solve the problem of insulating glass desiccant dryer. The problem of distortion and breakage caused by expansion or contraction of glass expands the service life of IG unit.

Main Uses:

1. Air drying in insulating glass.
2. Drying of liquid (eg ethanol) & Refrigerants, Mixed nitrogen and hydrogen gas.

MANNA GLASS COMPANY
Glass and Stainless Accessories



48Box/Pallet



Made In Turkey



Article No:

DMS-DC

Description:

IG Molecular Sieves - Desiccant

TWO-WAY VALVE - IG COMPONENTS

The two-way valve is a pressure regulation device that allows an adjustment between the inner and outer pressure of an insulated glass unit. The valve is developed for IG units that are exposed to continuous pressure changes as a result of variations in barometric pressure, altitude, or temperature

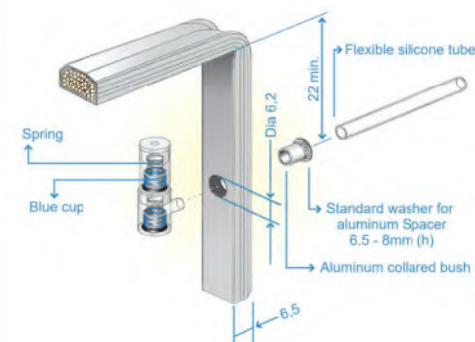
Size: Available with 6.5mm or 8mm collared bush depending on spacer size.

- Valve opens automatically when pressure differential exceeds a range of ± 80 millibar.
- Can be installed in all kinds of spacer bars with a minimum width of 9.5mm.
- Most effective in gas-filled units but cannot be used as a gas-filling hole.
- Reduces the risk of visual distortion, seal stress and glass fracture.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Two-Way Valve



*Made In
South Africa*

Article No:

0736065/80

Description:

Two-Way Valve (IG Pressure Regulation Valve)

ALUMINUM SPACER BARS FOR IG

Spacer bar, otherwise known as a profile; is the continuous hollow frame which separates the two glass panes within a double glazed unit. The bar is bonded to the glass panes via a primary & secondary seal, which in turn creates an airtight cavity which can be filled with air / gas. The spacer bar itself is filled with the desiccant to absorb residual moisture within the cavity and thus prevent condensation within the double glazed unit.

Usage:

- Windows Seal and Insulating glass.

Features:

- Material: 3003 alloy aluminum.
- No oxidation, No corrosion.
- Surface is Bright smooth & has no knocking.
- Air hole is uniform and in order.
- With high strength, Good toughness

MANNA GLASS COMPANY
Glass and Stainless Accessories

Aluminum Spacer Bars Mill Finish



Made In Italy/PRC



Information

Type: Normal Material: 3003 Aluminum

Size: 4mm, 6mm, 8mm, 9mm, 10mm, 12mm, 14mm, 15mm, 16mm, 18mm, 20mm.

Article No:

ALSB-NM

Description:

Aluminum Spacer Bar for Double Glass

PLASTIC CORNER KEYS / CONNECTORS

Corner keys is made of plastic, which is used for aluminum spacer bars for IG glass window. It has the advantages of good toughness, high hardness and good aging resistance.

- Seamless, strong and powerful.
- The surface of the gusset angle is provided with anti-fading teeth, so that the gusset angle and the aluminum bar are not easy to fall off.
- The plastic plug with the orifice fits seamlessly between the two, which improves the stability of the gusset performance.
- The surface treatment is clean, level and smooth.
- The unilateral wall thickness shall be guaranteed to be between 0.20 and 0.35mm, and the limit deviation of peripheral wall thickness shall be $\pm 0.025\text{mm}$.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Made In Italy/PRC

Colors: White, Black

Type: L Shape Material: Plastic

Size: 4mm, 6mm, 8mm, 9mm, 10mm, 12mm, 14mm, 15mm, 16mm, 18mm, 20mm, 22mm, 24mm.

Article No:

Description:

PCK-ASB

Plastic Corner Keys - Connect Al. Spacer Bar

BENDABLE AL. SPACER BARS FOR IG

Bendable Spacer Bars give perfect appearance in curved production and have a perfect corner bending at 90deg. The welding is of superior quality with no splitting during the operation of bending and gas filling.

The surface is aesthetically clean & bright and the chemical adhesion performance is as required and accepted in the insulated glass production. The perforation geometric's is matched to application & the height is standard with a perfect cross section.

Usage:

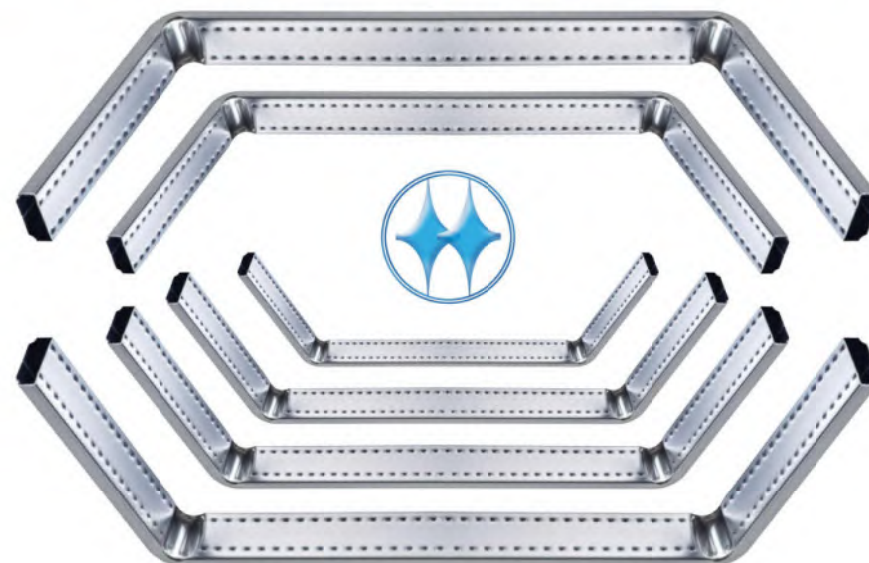
- Windows Seal and Insulating glass.

Features:

- Material: 3003 alloy aluminum.
- No oxidation, No corrosion.
- With extra thickness, Excellent toughness.

MANNA GLASS COMPANY
Glass and Stainless Accessories

Bendable Aluminum Spacer Bars - Mill Finish



Made In Italy/PRC



Information

Type: Bendable Material: 3003 Aluminum
Size: 4mm, 6mm, 8mm, 9mm, 10mm, 12mm, 14mm, 15mm, 16mm, 18mm, 20mm, 22mm, 24mm.

Article No:

ALSB-BD

Description:

Bendable Aluminum Spacer Bar for Double Glass

INSULATING GLASS STRAIGHT PLUG-IN

The special steel straight plug-in for insulating glass is developed for various high-frequency bendable aluminum spacer bar. Special designed fins are made for easy insertion into spacer bar while very difficult to remove. These IG steel connectors join two ends of spacer the bars and hold entirely firmly into a rigid and inseparable metal frame for insulated glass. L420 zinc plating is used as the substrate.

HIGH QUALITY

It has the advantages of anti-rust and high strength. It basically prevents the aluminum spacer bar from leaking after folding and the straight plug-in from breaking. The utilization rate of aluminum spacer bar and the quality of insulating glass were increased.

MANNA GLASS COMPANY
Glass and Stainless Accessories

Made In Italy/PRC



Information

Type: Straight Material: Special Steel

Size: 4mm,6mm,8mm,9mm,10mm,12mm,14mm, 15mm,16mm,18mm,20mm,22mm,24mm.

Article No:

ALSB-SC

Description:

Insulating Glass Straight Plug-In or Steel Corner

MANUAL AL. SPACER CURVE BENDER

Structure:

Aluminum spacer bending tool is the equipment to bend aluminum spacer into circular-arch shape as required. It is only needed to put an aluminum spacer into driving grooved wheel when the machine operates, and allow movable wheel to press downwards slowly by rotating the handle. The machines is simply in structure and easy to operate.

Functions:

Solve the water/air leakage of four angles, which are the main leakage channels of IG.

Prolong the life of IG Unit, saving connections.

Enhance the production efficiency of aluminum frame.

It can make arc, oval shape.



Dimension: 320*230*200MM

Bending Speed: <30s/Piece Work Pressure: 0.7mpa

Aluminum Bar Specification: 4 - 15.5MM

Aluminum Strip Thickness: 6.5MM

Made In PRC

MANNA GLASS COMPANY
Glass and Stainless Accessories

Article No:

MAS-CB

Description:

Manual Aluminum Spacer Bar Curve Bender

FLEXIBLE WARM EDGE BUTYL SPACER

It's a new multi-aluminum sealing spacer which composed of aluminum strip, plastic heat insulation strip and aluminum foil, the tensile strength is greatly improved, use one product to do whole job instead of several components, such as the aluminum spacer bar, molecular sieve and butyl rubber sealant & so on, so the production speed is fast and saves much cost.

Advantages:

- ✓ Better sealing: German imported butyl rubber.
- ✓ Better production efficiency, can process various shapes of anisotropic insulating glass.
- ✓ Good air tightness: Polymer binder prevent water vapor to permeating.
- ✓ Good anti-high temperature performance.
- ✓ Good resistance to low temperature.
- ✓ Good anti-aging performance.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Made In PRC



High Performance

Size: 6MM - 22MM Design Style: Modern

Application: Insulating Glass Sealing Material

Material: Aluminum Strip + Butyl Rubber + Desiccant

Dew point: -40°C Thickness: 0.4MM-3MM or as req.

Article No:

Description:

FWE-BS

Flexible Warm Edge Butyl Spacer (6-22mm)

TPS® - THERMAL PLASTIC SPACER

TPS is short for Thermo Plastic Spacer. TPS is a new generation type of the insulating glass warm-edge system, Which uses special butyl rubber as auxiliary material and is filled with thermoplastic spacers of desiccant which Can perfectly replace traditional aluminum spacers.

This insulating glass system can increase the sealing life of insulating glass and improve the edge effect of insulating glass. It should be promoted vigorously.

TPS do not contain metal inserts, Have a more even surface temperature distribution, Excellent thermal conductivity, Elastic edge sealing makes the glass more flexible and more convenient, Automatic glass production, Low vapor & Air transmission rate, longer life. The secondary sealant can be silicone or polysulfide sealant.

MANNA GLASS COMPANY
Glass and Stainless Accessories



THERMO PLASTIC SPACER ENDLESSLY DIVERSE

Provides an ideal thermal insulation



HIGH PERFORMANCE, EVEN WHEN SUBJECTED TO EXTREME EXTERNAL LOADS



THERMOPLASTIC
Solid and stable
seal through bonding of
components on a molecular level



Article No:

TPS-MSS

Description:

Thermal Plastic Spacer - Endlessly Diverse

ALUMINUM EXTRUSION PROFILES

Aluminum profile, it is different section shapes aluminum products through aluminum extrusion process. From raw material-aluminum ingot, after hot melting, get aluminum billets, and then finish aluminum extrusion process through porthole die or flat die, can get different shape aluminum products. At this moment, the surface is mill finished and it is aluminum metal natural color. The surface treatment can be done as per order.

Material Grade: Aluminum Alloy 6000 Series.

Technology: Aluminum Extrusion.

Shape: According to Customers' Drawings.

Surface Treatment: Mill finish, Powder coated, Sandblasting, Anodizing, Electrophoresis Etc.

Color: White, Black, Golden, Champagne Etc.

Applications: Glass Industry Usage.

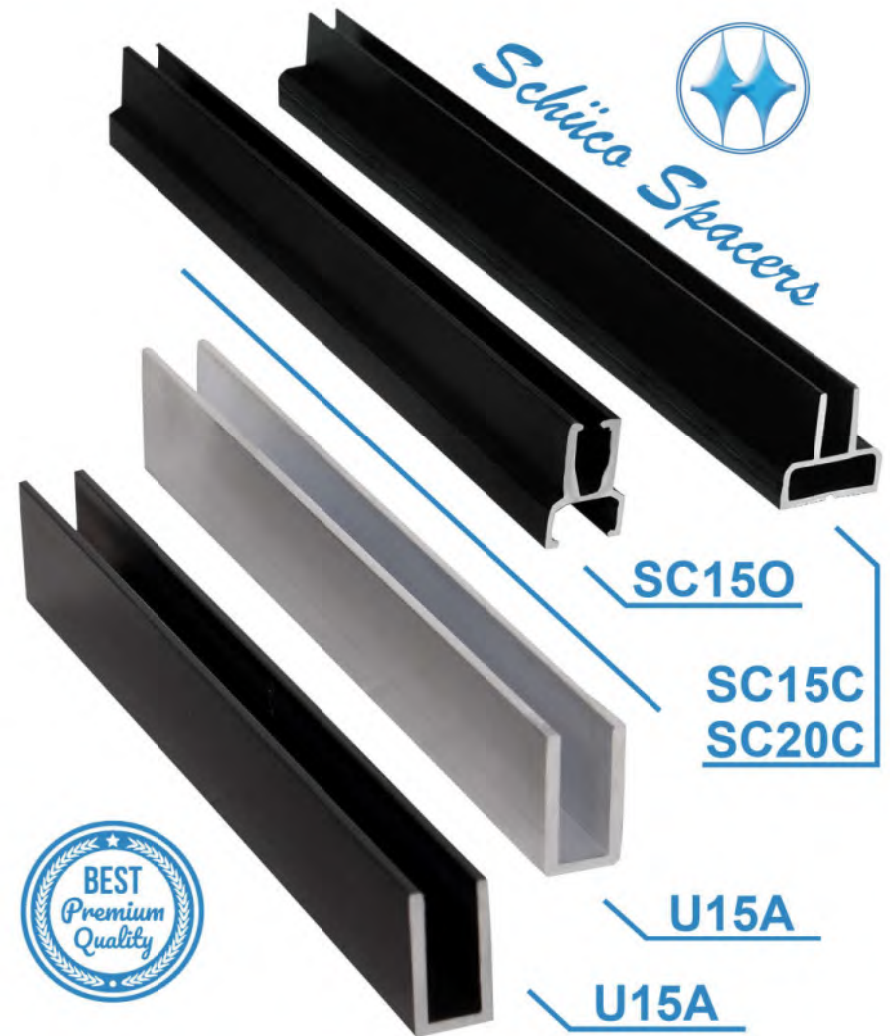
MANNA GLASS COMPANY
Glass and Stainless Accessories

Article No:

SSP-AP

Description:

Schuco Spacers Aluminum Profile

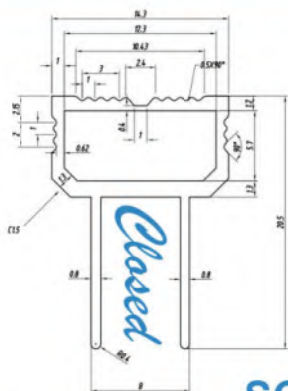


Article No:

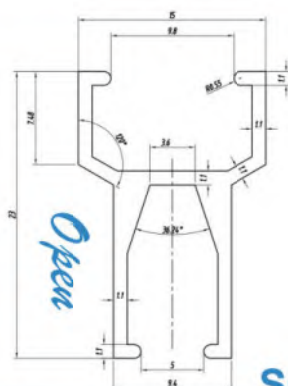
UTN-AP

Description:

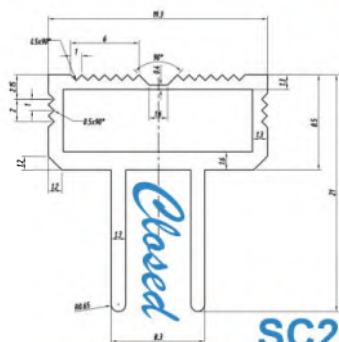
U-Type Normal Aluminum Profile



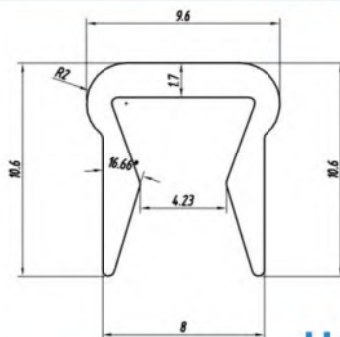
SC15C



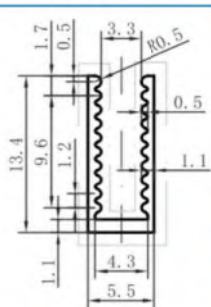
SC150



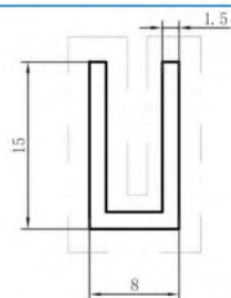
SC20C



U10M



U13M
U13A



U15A

MANNA GLASS COMPANY
Glass and Stainless Accessories

Article No:	Description:
AUI-AP	U-Insert Aluminum Profile

U-Insert Profile

U10M

U13M

U13A

BEST Premium Quality

Article No:	Description:
UTS-AP	U-Type Serrated Aluminum Profile

CLASSIC VICTORIA - GEORGIAN BAR

Classic Victoria Georgian Bars act as a decorative element of a window. They diversify its appearance and increase its aesthetic value. They give the window a unique character and are among the integral elements of the architectural design of a building. This system is the absolute leader for the very long time and an evergreen system. It is certified by AL7 Meipa Srl as manufacture according to the homologation on behalf of the CEBTP - France.

Material Grade: Aluminum Alloy 6000 Series.

Type: Classic Victoria Bar.

Shape: According to Drawings.

Surface Treatment: Mill finish, Powder coated, Sandblasting, Anodizing, Electrophoresis Etc.

Color: White, Beige, Black, Golden Etc.

Applications: Insulating Glass Unit.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Made In Italy/PRC
Colors: White, Beige, Black
Golden, Champagne

AL7
AL7 - MEIPA Srl



3m In Length
360m/Box



Article No:

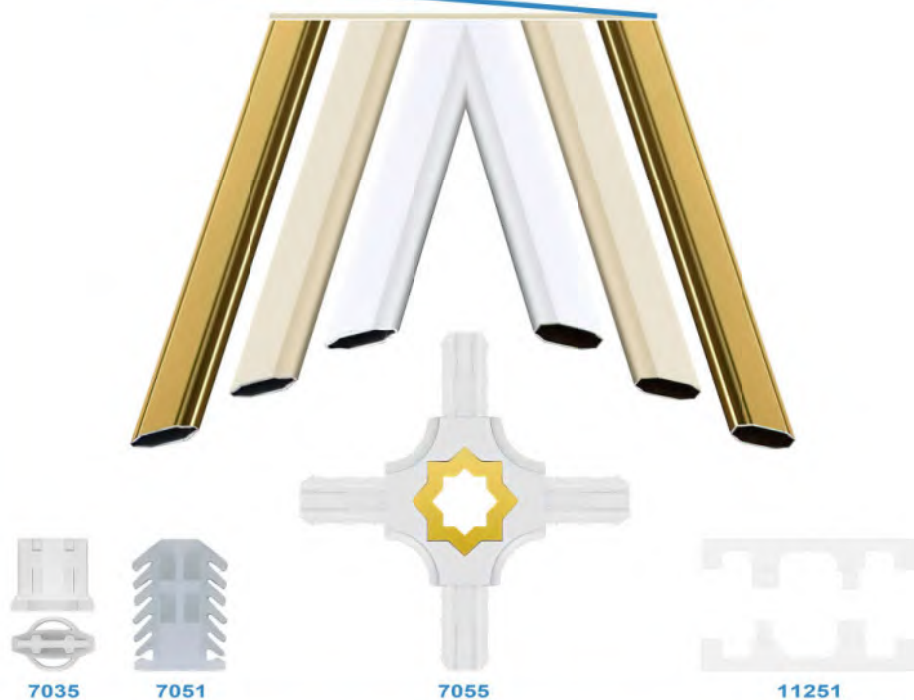
N70317/74204

Description:

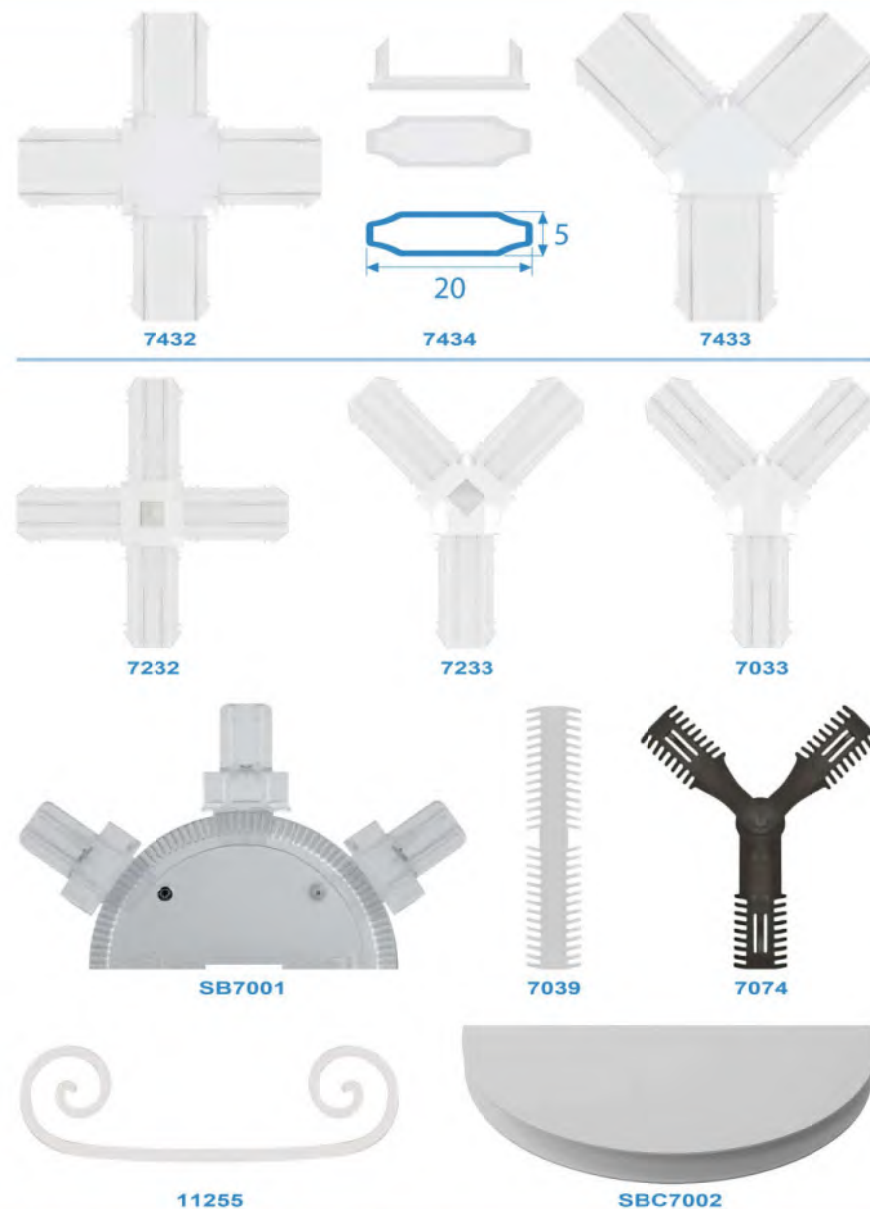
Classic Victoria - Georgian Bar



Decorative Accessories



MANNA GLASS COMPANY
Glass and Stainless Accessories



Article No:

DA-VGB

Description:

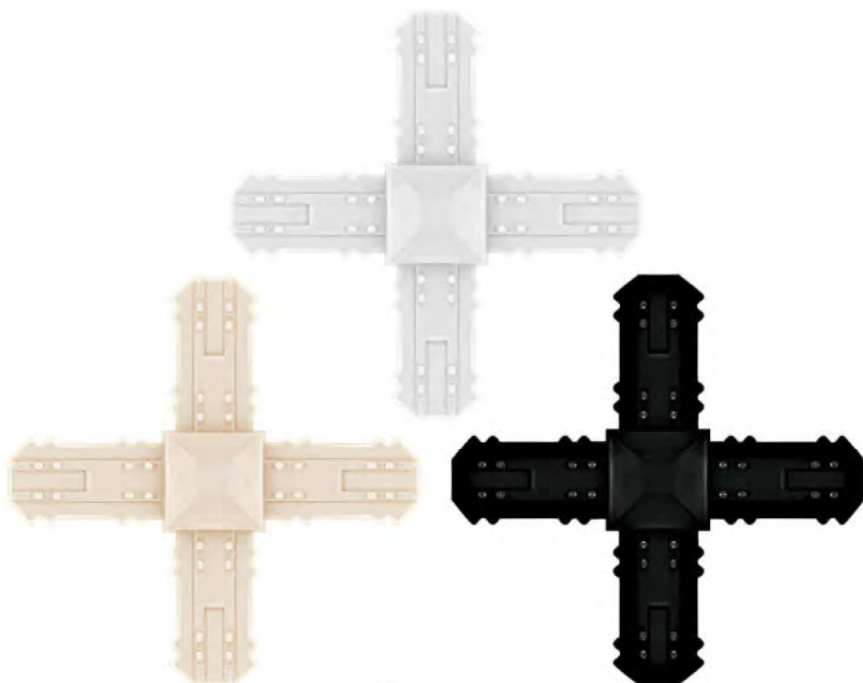
Decorative Accessories for Victoria Georgian Bar

Article No:

Description:

CCD-GB

Decorative Accessories for Victoria Georgian Bar



*Compatible With 16*7 Georgian Bar*
Cross Connector

MANNA GLASS COMPANY
Glass and Stainless Accessories

Made In Italy/PRC

Flower Victoria - 11259CW/11259CB



Article No:

Description:

FVD-GB

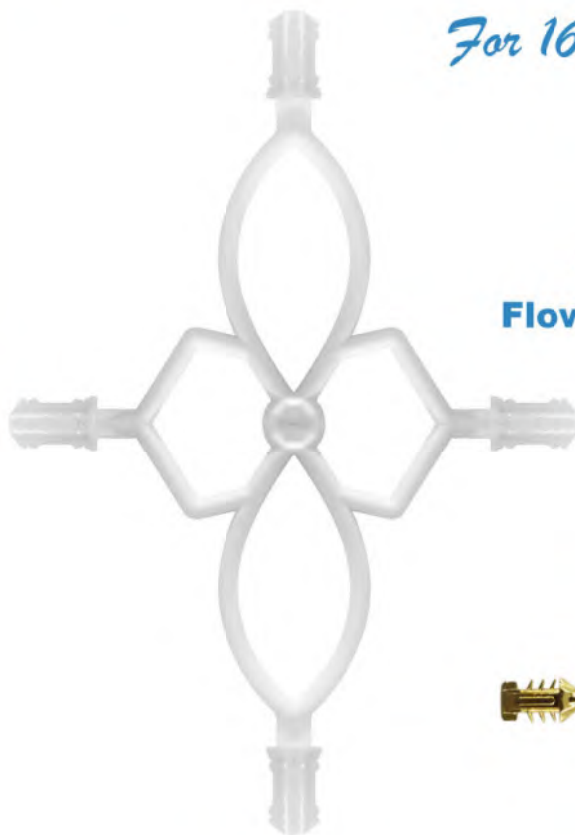
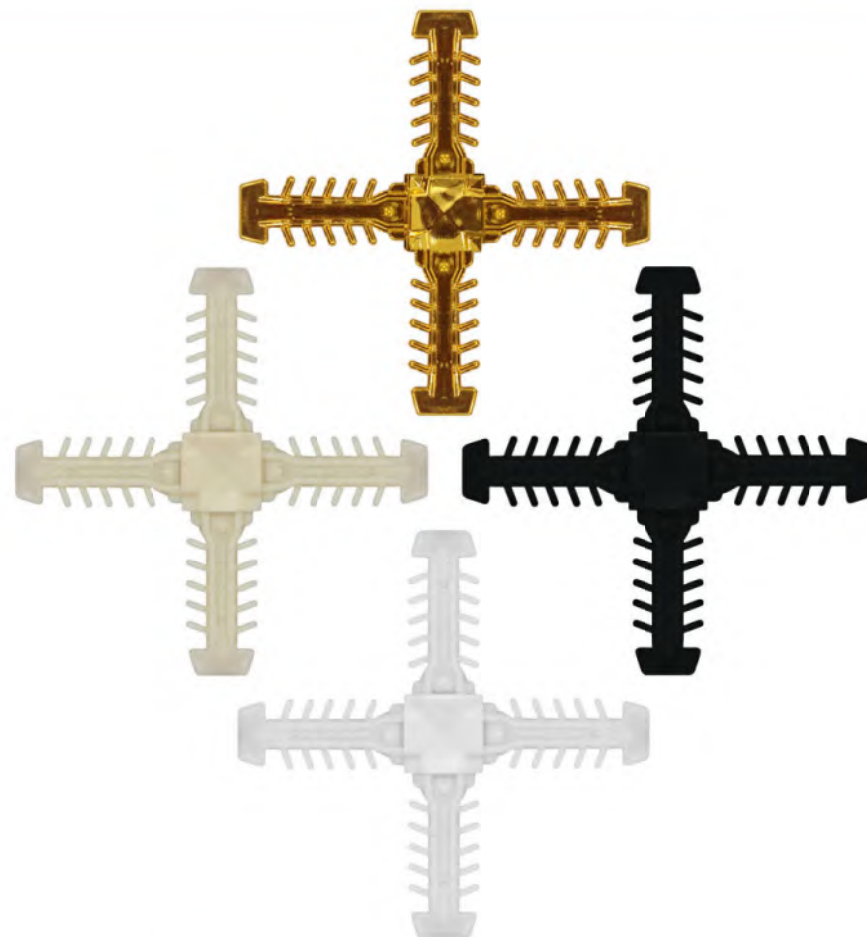
Decorative Accessories for Victoria Georgian Bar

Article No:

Description:

FVL-GB

Decorative Accessories for Victoria Georgian Bar

*For 16*7 Georgian Bar***112621CG****Flower Germanella
Golden****112621CW****Flower Victoria - White****MANNA GLASS COMPANY**
Glass and Stainless Accessories*For 16*7 Georgian Bar*
Cross Connector Type 2

Article No:

Description:

CC2D-GB

Decorative Accessories for Victoria Georgian Bar

GERMANELLA P - GEORGIAN BAR

Germanella P Georgian Bar (3m) is an aesthetically pleasing light section bar. Germanella system is an exclusive system to assemble frames using Germanella profiles, extruded, HF electro - welded coated or pre anodized. The main characteristic of this system is that punched profiles are overlapped and fixed by clip accessories. This system is the absolute leader among the existing systems

Material Grade: Aluminum Alloy 6000 Series.

Type: Germanella P Bar.

Shape: According to Drawings.

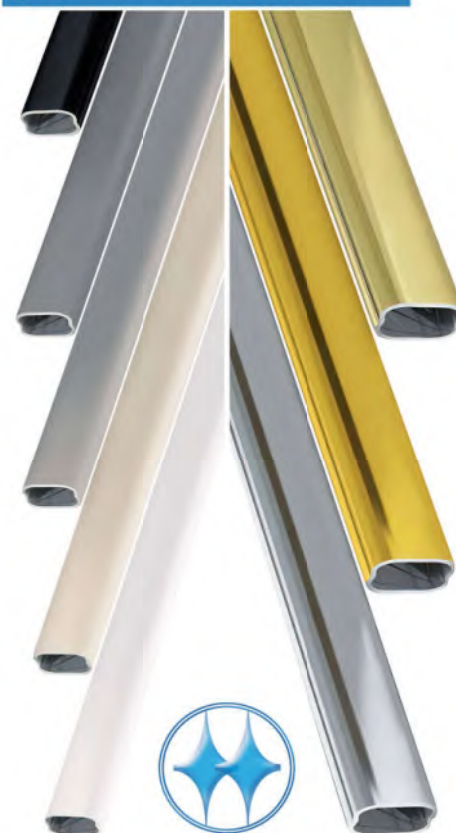
Surface Treatment: Mill finish, Powder coated, Sandblasting, Anodizing, Electrophoresis Etc.

Color: White, Beige, Black, Golden Etc.

Applications: Insulating Glass Unit.

MANNA GLASS COMPANY
Glass and Stainless Accessories

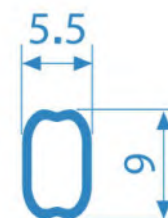
Germanella P



Made In Italy/PRC
Colors: White, Beige, Black
Golden, Champagne



AL7
AL7 - MEIPA Srl



3m In Length
210m/Box



Article No:

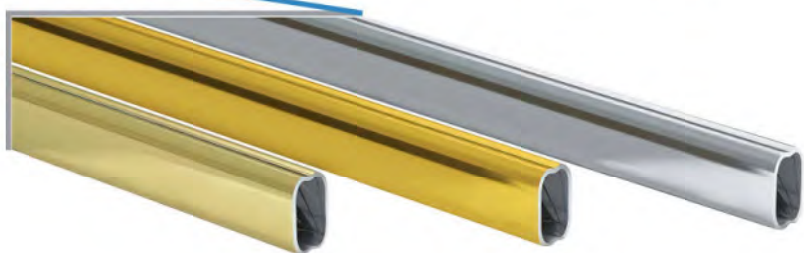
P11171

Description:

Germanella P - Georgian Bar

Germanella P**AL7**

AL7 - MEIPA Srl

*Decorative Accessories*

P11185/86



P11187/88



P11161



P11162



P11163



P11198



P11189



P11191



P11190

MANNA GLASS COMPANY
Glass and Stainless Accessories



P11172..L



P11172..R



P11183



P11174



P11180



P11181



P11255



P11182



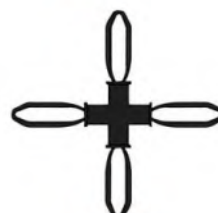
P11176..L



P11176..R



P11174 P11179



P11178



P11177



P11177



P11199



P11184



P11775..L



P11775..R



Article No:

DA-GPB

Description:

Decorative Accessories for Germanella P Bar

GERMANELLA T - GEORGIAN BAR

Germanella T Georgian Bar (3m) is an aesthetically pleasing light section bar. Germanella system is an exclusive system to assemble frames using Germanella profiles, extruded, HF electro - welded coated or pre anodized. The main characteristic of this system is that punched profiles are overlapped and fixed by clip accessories. This system is the absolute leader among the existing systems

Material Grade: Aluminum Alloy 6000 Series.

Type: Germanella T Bar.

Shape: According to Drawings.

Surface Treatment: Mill finish, Powder coated, Sandblasting, Anodizing, Electrophoresis Etc.

Color: White, Beige, Black, Golden Etc.

Applications: Insulating Glass Unit.

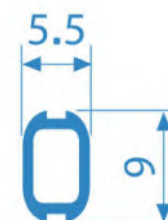
MANNA GLASS COMPANY
Glass and Stainless Accessories

Germanella 7



Made In Italy/PRC
Colors: White, Beige, Black
Golden, Champagne

AL7
AL7 - MEIPA Srl



3m In Length
210m/Box



Article No:

T11171

Description:

Germanella T - Georgian Bar

Germanella 7

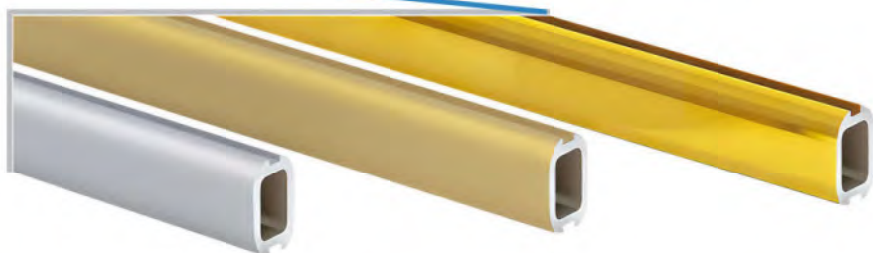


AL7®

AL7 - MEIPA Srl



Decorative Accessories



T11198

T11189

T11191

T11190

MANNA GLASS COMPANY
Glass and Stainless Accessories



T11172..L



T11172..R



T11183



T11174



T11180



T11181



T11255



T11182



T11176..L



T11176..R



T11185/86/87/88



T11178



T11177



T11177



T11199

T11184



T11775..L



T11775..R



Article No:

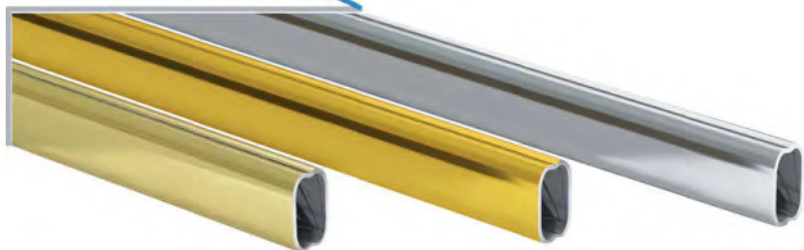
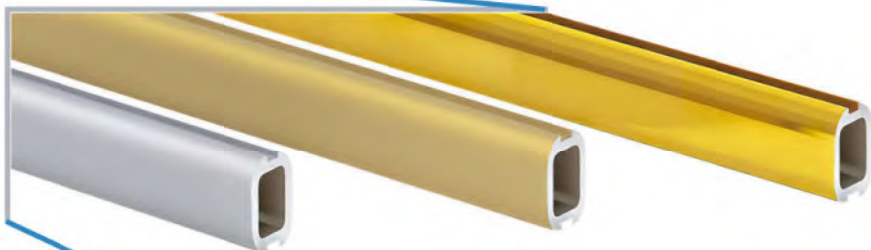
DA-GTB

Description:

Decorative Accessories for Germanella T Bar

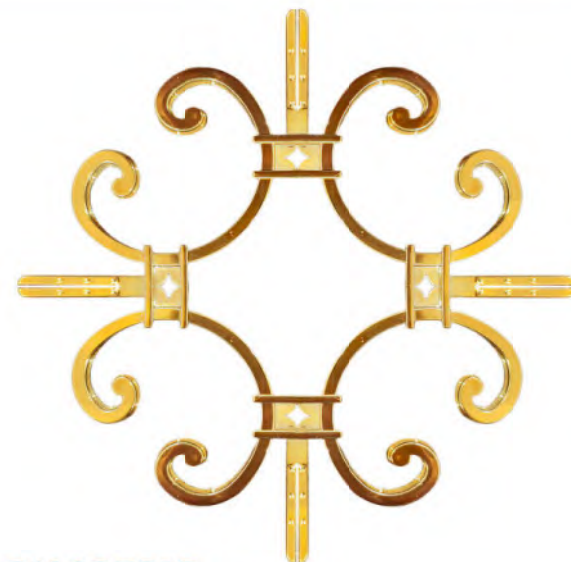
Germanella T or P**AL7**

AL7 - MEIPA Srl

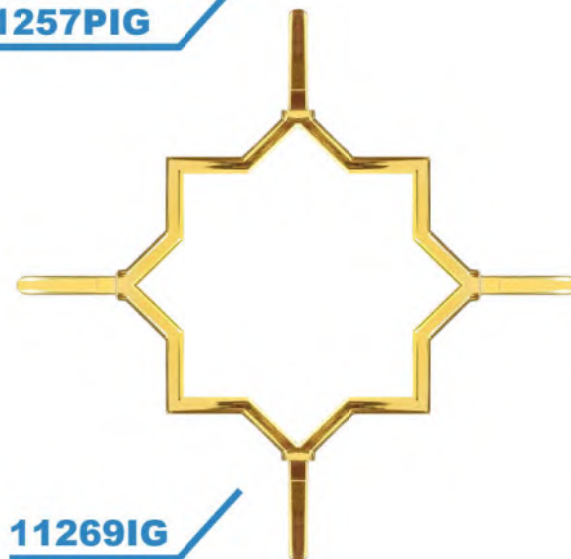
*Decorative Accessories*

MANNA GLASS COMPANY
Glass and Stainless Accessories

Made In Italy/PRC
Flower Germanella Golden



**118CG/11258IG
/11257PIG**



11269IG

Article No:

FGD-GB

Description:

Decorative Accessories for Germanella T or P Bar

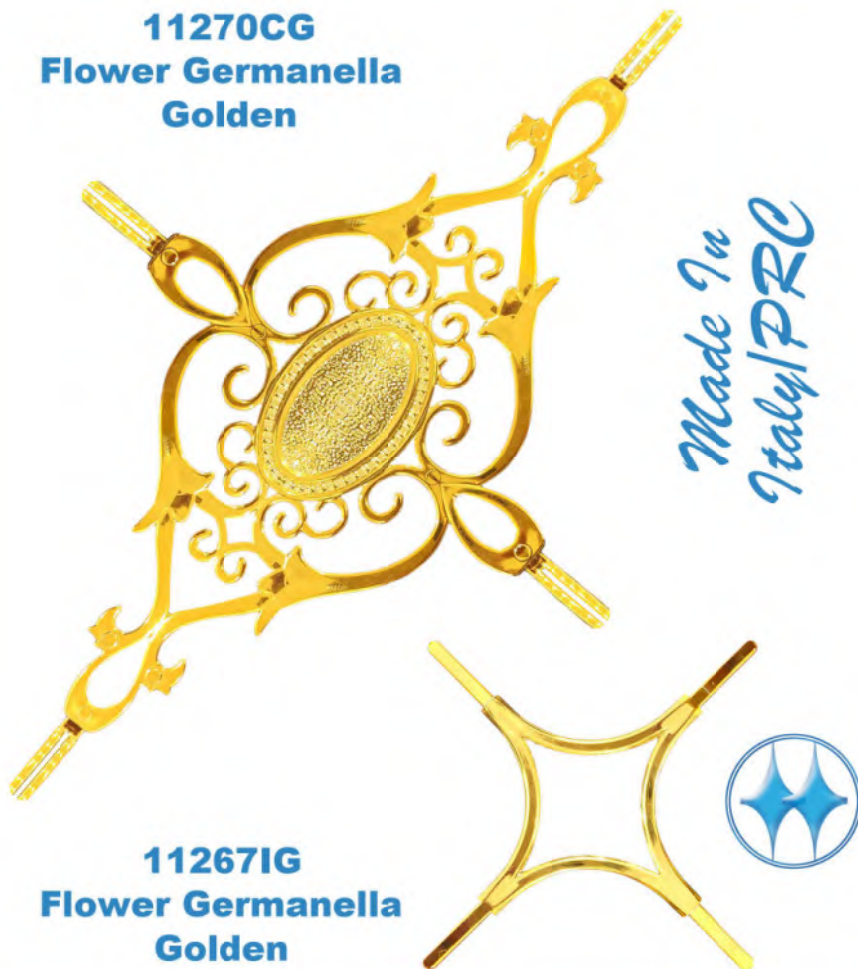
Article No:

P0702-GB

Description:

Decorative Accessories for Germanella T or P Bar

11270CG
Flower Germanella
Golden



*Made In
Italy/PRC*

11267IG
Flower Germanella
Golden

MANNA GLASS COMPANY
Glass and Stainless Accessories

11270IG
Flower Germanella
Golden



11267CG
Flower Germanella
Golden

Article No:

P12-GB

Description:

Decorative Accessories for Germanella T or P Bar

BAVIERA - GEORGIAN BAR

Baviera Bars for windows are the decorative transom inside the glass unit. The main advantages for the buyers of windows with decorative transoms is a possibility of choosing design of window equipment according to one's taste. And namely with help of Georgian Bars you can accentuate the individuality of your home. Baviera Georgian Bars are the layout of aluminum profiles or synthetic material which is placed inside a glass unit.

Material Grade: Aluminum Alloy 6000 Series.

Type: Baviera Bar.

Shape: According to Drawings.

Surface Treatment: Mill finish, Powder coated, Sandblasting, Anodizing, Electrophoresis Etc.

Color: White, Beige, Black, Golden Etc.

Applications: Insulating Glass Unit.

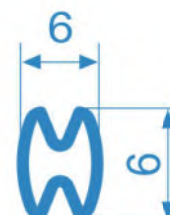
MANNA GLASS COMPANY
Glass and Stainless Accessories

Profilglass®

Baviera



Made In Italy/PRC
Colors: White, Beige, Black
Golden, Champagne



3m In Length
360m/Box

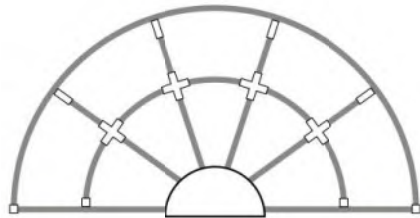


Article No:

B11171

Description:

Baviera - Georgian Bar



B118000

MANNA GLASS COMPANY
Glass and Stainless Accessories



B11172..L



B11183



B11176..L



B11174



B11180



B11182



B111821



B111822



B111100



B111801



B11177



B111772



B11196/97



B11178



B111772



B11179



B111792



B11775



B117752



B117753/1177532



Article No:

DA-GBB

Description:

Decorative Accessories for Baviera Bar

ROUND SHAPE - GEORGIAN BAR

Round Shape Aluminum Georgian Bar for Insulating Glass Window & Door are installed in the hollow glass and can be processed into a variety of colors after electrostatic powder spraying, which fully meets the customer's pursuit of beautiful appearance.

The product is high-quality and durable, has the advantages of high strength, aging resistance, and non-fading.

Material Grade: Aluminum Alloy 6000 Series.

Type: Round Bar.

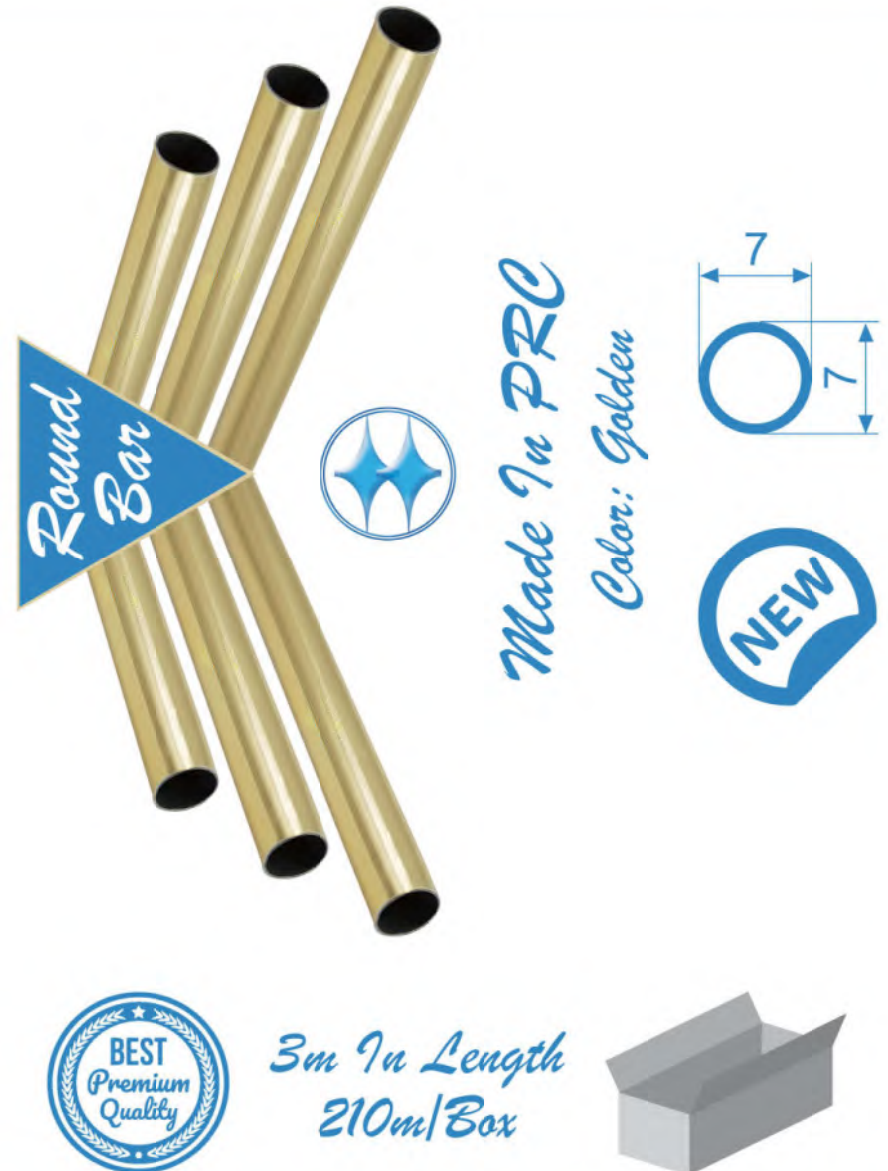
Shape: According to Drawings.

Surface Treatment: Mill finish, Powder coated, Sandblasting, Anodizing, Electrophoresis Etc.

Color: Golden.

Applications: Insulating Glass Unit.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Article No:

R11179

Description:

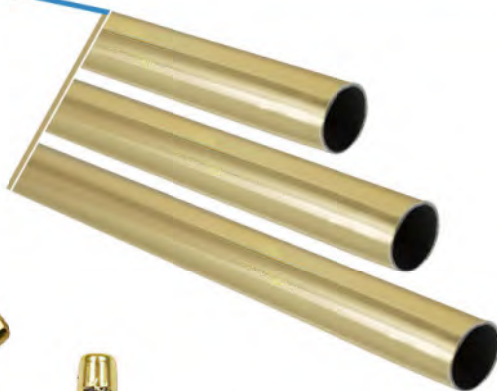
Round Shape - Georgian Bar



Round Bar



Decorative Accessories



RB004



RB003



RB002



RB005



RB001

MANNA GLASS COMPANY
Glass and Stainless Accessories

**Length: 820mm, Width: 340mm
Maximum Thickness: 7mm**

Made In PRC

11273GC - Flower for Round Bar



Article No:

DA-RSB

Description:

Decorative Accessories for Round Shape Bar

Article No:

P0601-GB

Description:

Decorative Accessories for Round Shape Bar

11271GC
Flower for Round Bar



Made In
PRC

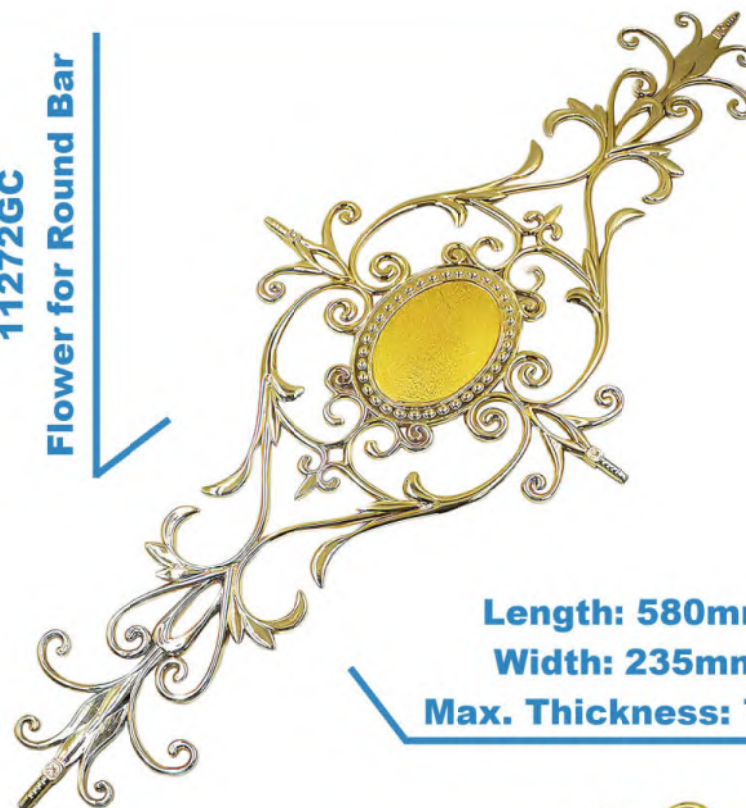


11255GC
Flower for Round Bar



MANNA GLASS COMPANY
Glass and Stainless Accessories

11272GC
Flower for Round Bar



Length: 580mm
Width: 235mm
Max. Thickness: 7mm



11256GC
Flower for Round Bar



Article No:

P11-GB

Description:

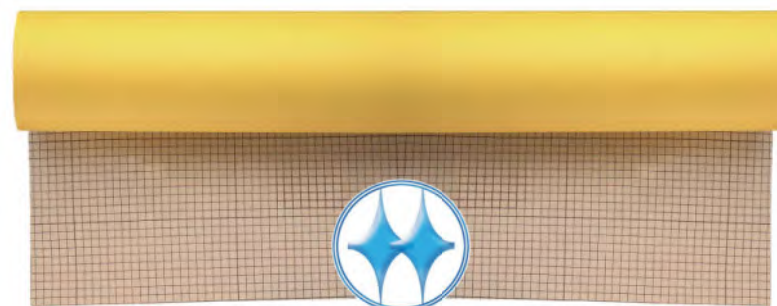
Decorative Accessories for Round Shape Bar

SANDBLASTING PROTECTION FILM

This material is great for making all kinds of stencils for sandblasting and also for engraving applications. It is strong and flexible, and it can be used for many times. It works great with plotter cutter, laser cutter and simply cut by hand. The medium tack adhesive backing makes it easy to be removed from glass surface without leaving residues.

- PVC Film + Glue + Paper liner.
- Used for sandblasting and glass engraving, spray painting, airbrushing, stencilling etc.
- Strong viscosity, endure high temperature.
- It can be easily cut by hand or sign cutter.
- Semi-transparent, bright yellow color, easy to register and see-through.
- Flexible and it can be stretched slightly to fit on flat or curved surfaces.
- 180° adhesion 3.5N-8N / Temperature: 4-80°.

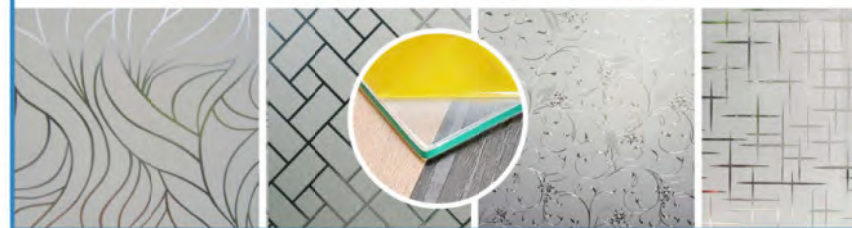
MANNA GLASS COMPANY
Glass and Stainless Accessories



1.22MM*50M

Yellow Sandblasting Vinyl

Carving for Mask Protection - Stencil



Article No:

YSF-GM

Description:

Yellow Color Sandblasting Stencil Vinyl Film

FROSTED SANDBLAST STICKER

Frosted glass stickers will bring elegance in your home glass door, window without any fanfare. It gives the decorative flair to your restaurant and office windows also. With this waterproof and non-toxic window film your office will get the full privacy protection because of its frosted style.

It is made of quality vinyl which withstands heat and steam; UV protected, protects your room from strong sunlight, reducing heat & blocking out harmful UV rays, and softly filtering light.

Static cling, non adhesive, and can be removed easily without any traces left on the glass or the smooth surface.

This durable, adhesive-backed film is an ideal choice when you're planning a more lasting change to your home, office and the restaurant.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Always In Demand

Frosted Glass Window Film

Privacy film opaque sticker for Glass



Article No:

FSF-GL

Description:

Adhesive-Backed White Frosted Sandblast Film

EVA - ETHYLENE VINYL ACETATE FILM

EVA film (Ethylene Vinyl Acetate) is created for high-security glazing and windows interlayer film. Through vacuum and heating lamination, it makes great difference in art glass, safety glass, and enhance protection against the large impact, storm wing or powerful blasts.

Features:

- ✓ Excellent Resistance: Weather resistance, high temperature & high humidity resistance, more than 80% UV light resistance.
- ✓ Excellent light, transmittance & transparency.
- ✓ High tensile strength at 18.6 MPA & excellent environmental performance for outdoor use.
- ✓ High Viscosity and UV radiation level.

✧ Used in Hotel windows, door, wall construction. Glass canopies, fin, and balustrades.

MANNA GLASS COMPANY
Glass and Stainless Accessories



*Eva
Films*



White Opaque



Transparent
0.125MM*1270*50M

38H3: Super Clear
0.38MM*2450*122*100M

76H3: Super Clear
0.76MM*2450*50M



Colorful



Article No:

EVA-LG

Description:

High Quality EVA Films for Laminated Glass

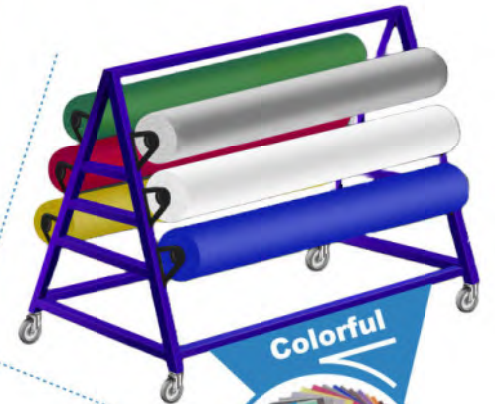
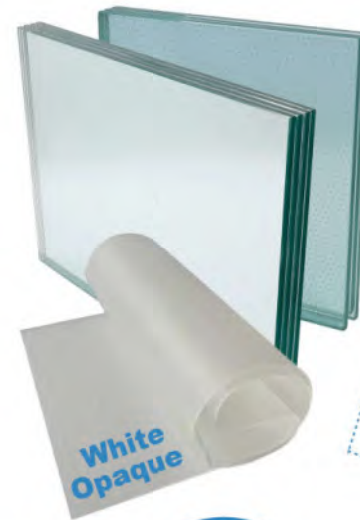
PVB - POLYVINYL BUTYRAL FILM

PVB film (Polyvinyl Butyral is the most common interlayer used around the world in laminated glass make ups. Its optical clarity, flexibility and ability to adhere to many surfaces make it a primary interlayer for glass manufacturers. PVB laminated glass can block 99% UV, so it can avoid the inner furniture & displays from fading.

Advantages:

- ✓ Architecture Laminated Safety Glass, such as Residential doors & Windows, Shop Fronts, Schools, Hospitals & Government Buildings.
- ✓ Automotive Glass, such as the windshield, windscreen.
- 99% filtering of harmful UV rays, Acoustic performance, Customisable - mix and match PVB interlayer's, and Cost-effective laminate.

MANNA GLASS COMPANY
Glass and Stainless Accessories



*Pvb
Films*



38H3: Super Clear
0.38MM*2450*122*100M

76H3: Super Clear
0.76MM*2450*50M



Article No:

PVB-LG

Description:

High Quality PVB Films for Laminated Glass

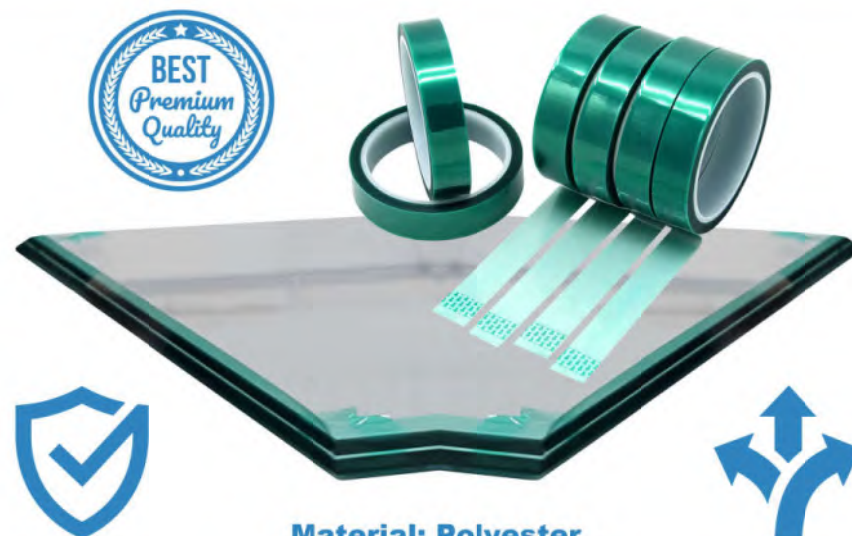
GLASS LAMINATION GREEN TAPE

Polyester masking tape is a PET tape with an aggressive pressure sensitive adhesive which adheres well to a wide variety of surfaces under a wide range of temperature conditions. It is to prevent the melt EVA Film overflowing through laminated glass edges in oven when heating.

Advantages:

- ✓ High temperature resistant, good insulation, and no residue of glue in coating process.
 - ✓ Industry standard pet adhesive tape.
 - ✓ Useful in temperature up to 500°F (260°C).
 - ✓ Removes from surfaces w/o leaving residue.
- ✧ Used in laminated glass edge seal protection when in high temperature autoclave, to avoid the flow of the EVA film. It is also used in industries of electrics, motor, painting etc.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Material: Polyester

Surface: Rough/Smooth

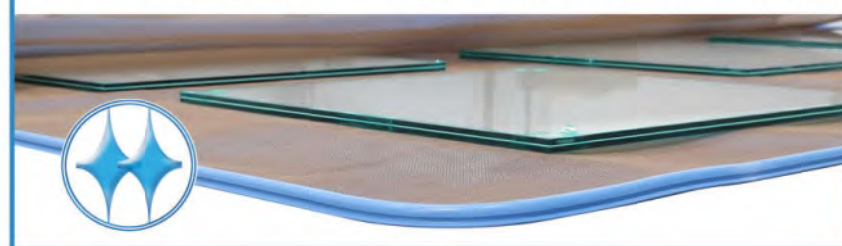
Colour: Translucent and Green

Elongation at Break: >35%, Heat Resistance: -73° to 260°

Popular Sizes Available: 20/25/30/35/40/50MM*66M/Roll

High Temperature Tape

Laminated Glass Edge Seal in Autoclave



Article No:

GHTT-LG

Description:

Green Polyimide Tape for the Laminated Glass

VACUUM BAG FOR LAMINATED GLASS

Vacuum silicone bag is also called the silicone vacuum seal bag, which is mainly made of silicone rubber material, it is highly essential in glass lamination, help to pump out the air between the glass and EVA film, will fix the two glass on the right position to avoid the error. Besides, after fixing the glass, it is useful for the glue adhesion when the EVA film starts to melt. It is high heat resistance and tear resistance.

Advantages:

- ✓ It is high anti-tearing, able to bear high temp.
- ✓ It's highly flexible, inertia sufferance to avoid mucosity, bear oil & ageing, its soft material is best suitable for hard glass, ensuring glass not bent and break at high temperature.
- ✓ Connecting vacuum pump, pump out the air and keep air pressure well in lamination.

MANNA GLASS COMPANY
Glass and Stainless Accessories



Article No:

VSB-LGM

Description:

Vacuum Bag for EVA Laminated Glass Machine

EVA, PVB, SGP THERMAL CUTTER

The thermal cutter is a thermal cutting tool for cleaning the edges of laminated glass by trimming the interlayer film that may have overflowed during the lamination process. The blade heats up to 500°C in seconds and uses heat to easily cut through any interlayer film including EVA, PVB or SGP. The cutter is supplied with four interchangeable blades for different cutting applications.

Advantages:

- ✓ There is no rough burr after cutting.
- ✓ The heat cutter tool is power saving and easy.
- ✓ The temperature cutting blade can go up to 500°C for which rising to 500°C it takes within 6-8 seconds.
- ✓ Durable & Practical, Power saving - 100W.
- ✓ Long life span and can non-stop run.

MANNA GLASS COMPANY
Glass and Stainless Accessories



**Cleaning interlayer Films
Laminated Glass Edges**

*Made In
PRC*

50° - 500° Temp. Control

Article No:

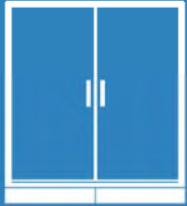
THC-LG

Description:

Quality Thermal Cutter for Laminated Glass

NOTES

A large rectangular area filled with a light blue grid pattern, intended for writing notes. The grid consists of small squares, with a slightly larger margin at the top for a header. The entire page is framed by a blue border.



Quality for Professionals



www.mannaglass.sa
accessories@mannaglass.sa

General Brochure 2023

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The Company shall only be responsible for defects covered under the product warranty and shall in no way be accountable for any defects (including but not limited to packaging, installation instructions, manuals, specification instructions and care and maintenance instructions), after the delivery of goods to the Customer. All risk and obligations in the goods and products delivered by the Company passes to the Purchaser immediately upon delivery to the Purchaser.

*Technical specifications may change without any prior notice. please check and confirm all details before placing order.

SALES DIRECTOR

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karim.kathiri@mannaglass.sa

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