MS TECHNO LIGHT

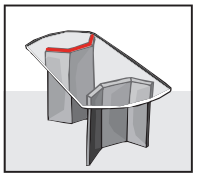
MS POLYMER SEALANTS

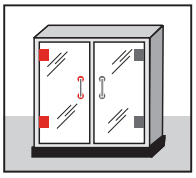
MS Techno Light is a one part, moisture curing sealant based on MS Polymer™, **crystal clear even in thickness**.
The product provides high elasticity and cohesion and good adhesion to a wide range of substrates.
MS Techno Light produces high resistance elastic sealings.
It can be used as adhesive in bonding requiring transparency and high filling capacity.

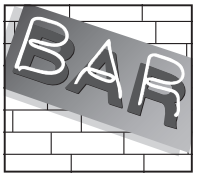
- Solventless, isocyanate and silicones free.
- No schrinkage.
- Neutral, odourless reaction.
- Rapid curing.
- Excellent adhesion to a great variety of substrates.
- High bonding strenght.
- Flexible at low (–40°C) and high (+ 100°C) temperatures.
- Excellent resistance to yellowing for indoor application.
- Excellent resistance to UV rays outdoors in indirect exposure.
- Paintable.

Typical uses

- For elastic sealing of glass, ceramic, porcelain, majolic, plate glass, aluminium, stainless iron, brass, bronze, silver, painted metals, cast iron, wood , cork, fabrics, synthetic fabrics, fiberglass, ABS, carbon, uPVC, porous materials commonly used in industry. Not suitable for PE, PP, PTFE.
- For not visible sealing and bonding in furnishing; for joining glass elements among them or to metals for the production of tables, glass decorations, panels.
- For the production of signs, plates, gifts and fancy goods.
- Non dangerous sealant adhesive for general purpose in industry and D.I.Y.







Properties

Base material : MS Polymer
Consistency : paste
Colour : transparent
Packaging : cod. 1004440 290 ml. cartridge
25 Kg. drums available on request

Technical data

Specific gravity :	1,07 kg/dm³
Shore A Hardness :	35
100% modulus (DIN 53504) :	0,8 MPa
Tensile strength (DIN 53504) :	2.5 MPa
Elongation at break :	250 %
Tear resistance (ASTM D 624-73) :	7 N/mm
Skin forming time :	12 min. approx. (20°C/50% R.H.)
Curing speed :	3 mm after 24 h. (20°C/50% R.H.)

Values given in this table must not be considered as specifications

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Method of use

Preparation of the surfaces: MS Techno Light provides an excellent primerless adhesion on grease and dust free surfaces of steel, stainless steel, zinc coated steel, chromate, brass, aluminium, anodised aluminium, wood, glass and vetrified surfaces, ceramic, polyester, uPVC, ABS, polystyrene. It is not suitable for PE, PP, PTFE.
In consideration of the great variety and characteristics of paints and finishing products, a previous testing is always recommended.
In particular conditions the use of a suitable primer improves the adhesion. More detailed information on surface preparation are contained in the selection chart "**Primer for MS sealants**".

Application: apply the sealant using a hand or air gun, extruding a continuous bead and forcing it in contact with the joint sides.
Any required tooling should be carried out within 5 minutes from the application.
If **MS Techno Light** is used as adhesive, it is recommended to apply a suitable quantity of product on a single part only.
Join the surfaces immediately by adequate pressure. Proper thickenss after the coupling shold not be lower than 1-2 mm.
Excessively thin layers reduce performance and delay curing time of the product.
If necessary, keep joined the parts until complete cure.

Storage stability

12 months (cartridge 290 ml.), 6 months (drum 25 Kg.) for the product kept in the original sealed pack at a temperature range from + 5°C to + 25°C. Protect from frost.

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