

Product

Self-adhesive acrylic mass.

Application examples

- optimal and fast connection between different materials
- bonding to glass, steel, acrylic sheets
- application on substrates with low surface tension
- Mounting of glass bars
- high-quality adhesion to polypropylene and polystyrene
- assembly of illuminated signs

Colour: grey

Thicknesses:

0,64 – 1,10 mm in stock

0,40 – 0,80 – 1,50 mm on demand

Widths: 6 to 800 mm (every mm)

Available forms (packaging)

On a roll

In boxes, separated by a silicone paper

Properties

- ✓ good resistance to weathering, water and ageing
- ✓ good resistance to high temperatures
- ✓ important, initial tack (adhesion) and rapid adhesion (50% of the final force after 20 minutes, 90% after 24 hours and 100% after 72 hours)
- ✓ allows for a clean finish (no mechanical fixings, ...)

Remark

The materials and substrate must be solid, dry, grease-, oil- and dust-free.

Application guide

For maximum adhesion, it is recommended to prepare the contact surface well by removing any traces of dust, soap or oil using the suitable cleaning agent type DOWSIL™ R-40 (based on a well-designed mixture of isopropanol and acetone - clear liquid). DOWSIL™ R-40 is ideal for cleaning non-porous surfaces before applying self-adhesive PVC tapes. Compatible with glass, reflective glass, enamelled glass, metals and plastics. Packaging: Can of 1 or 5 litres. To be used with a soft, lint-free cloth.

Never remove the liner before applying the tape in the correct place. Do not touch the contact surface before applying the product.

We recommend first testing the tape in the actual conditions of the final application.



Technical properties

Property	Value + unit
Temperature resistance	-40°C to +100°C (briefly up to +160°C)
Application temperature	minimum 5°C
Dynamic shear resistance	
○ 0,40 mm	7,60 kg/cm ²
○ 0,64 mm	7,20 kg/cm ²
○ 0,80 mm	6,80 kg/cm ²
○ 1,10 mm	6,40 kg/cm ²
○ 1,50 mm	6,20 kg/cm ²
Peeltest on 180°	
○ 0,40 mm	3,25 kg/cm ²
○ 0,64 mm	3,35 kg/cm ²
○ 0,80 mm	3,42 kg/cm ²
○ 1,10 mm	3,65 kg/cm ²
○ 1,50 mm	3,77 kg/cm ²
Traction	
○ 0,40 mm	8,00 kg/cm ²
○ 0,64 mm	7,60 kg/cm ²
○ 0,80 mm	7,20 kg/cm ²
○ 1,10 mm	6,80 kg/cm ²
○ 1,50 mm	6,40 kg/cm ²
Shear resistance on:	
○ aluminium	58 kg/25 mm ²
○ inox	52 kg/25 mm ²
○ pvc	68 kg/25 mm ²
○ ABS	54 kg/25 mm ²
Storage life	12 months after production date

General information

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Technical data of supplier: 01-2015

The producer reserves the right to make changes. 2020 04 01