

volzAcrylicFoam 74050□00 PV1



volzAcrylicFoam 75050-00 PV1 is a double-sided, high-performance adhesive tape consisting of a self-adhesive, closed-cell acrylic foam. It offers high adhesion for a wide range of applications. The tape is a very good sealant and bonding tape and is available in different thicknesses. The product is completely silicone free.

Nominal Values

Manufacturer	VOLZ®
Backing	Acrylic Foam
Adhesive Type	Acrylic
Total Thickness	0,50 mm, (± 0,05mm)
Color	Clear (00)
Liner	PE Film, (red)
Adhesion to Steel	32,50 N/25 mm (20 min. Raumtemperatur), 47,50 N/25 mm (72 min.Raumtemperatur)
Tensile Strength	200,00 N/25mm, (T□Block Test)
Static Shear	≥ 10.000 Min (90° bei 500 g)
Temperature Resistance	□40°C to +150°C (short□term), +90°C (long□term)
Length	33 m, standard, other lengths and cross wound spools upon request
Width	4 mm – 450 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Density	900 kg/m ³ (± 50)
Slitting Tolerance	Length < 33m = ± 0.4mm (± 1/64"), Length > 33m = ± 0.8mm (± 1/32"), Smaller tolerances are available upon request and may be subject to an additional charge, Cross-wound spools are excluded from the above tolerances
Effective	07 September 2023

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Applications

- Bonding of profiles of various materials
- Bonding of exterior trims, badges, emblems, spoilers, roof planking and frame constructions, interior trims, mirrors, skylights, lighting elements, floor protection trims, etc.
- Mounting of signs, screens, scales, etc. made of various materials
- Bonding of glass, transparent plastics, etc.
- Edge and frame bonding, as well as other applications in solar technology
- Used in the construction of glass partitions, windows, doors and the manufacture of safety glass Used in applications where almost invisible bonding is required

Benefits

- Excellent load capacity and performance characteristics
- Unlike screws, nuts and bolts, no metal fatigue and no mechanical degradation
- Vibration and shock absorbing properties
- Complete water, dust and air sealing
- Thermal expansion and cold contraction are absorbed by the highly conformable, viscoelastic adhesive tape
- Compared with other adhesive joints, less labor and time required for touch-ups and cleaning
- The sheet does not warp when used in place of spot welding - □ no welding beads to be ground off

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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