volzAcrylicFoam 75110 PV1



volzAcrylicFoam 75110 PV1 is a double-sided high-performance tape, composed of a closed and self-adhesive acrylic foam. This tape offers high shear and tensile strength together with very high temperature resistance. The tape is very thin and suitable for a variety of applications, where thickness, thermal and shear strength are required. It is suitable for various types of metal, plastic, ceramic, stainless steel, aluminum and more.

Nominal Values

Backing	Acrylic Foam
Adhesive Type	Acrylic
Total Thickness	1,100 mm
Color	Black (04)
Liner	siliconized Paper / PE Film (Red)
Adhesion to Steel	46,58 N/25 mm
Temperature Resistance	+150°C (short-term), +93°C (long-term)
Length	33 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Slitting Tolerance	Length < 33m = ± 0,4mm (± 1/64"), Length > 33m = ± 0,8mm (± 1/32"), Smaller tolerances possible on request and possibly at extra cost, Spools are not similar to the above-mentioned tolerances
Effective	04 July 2024

We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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Applications

- Adhesion of EVA, polypropylene, silicone, Tedlar®, Teflon®, polyethylene and surfaces with a low surface energy
- Bonding profiles from different materials
- Mirror adhesive
- Excellent adhesive to use for styrofoam
- Bonding of exterior trims, badges, emblems, spoilers, roof planking and frame constructions, interior trims, mirrors, skylights, lighting elements, floor protection strips, etc.
- Adhesive for signs, fascia boards, scales, etc. made from various materials.

Benefits

- Excellent load-bearing capacity
- Unlike screws, and nuts & bolts, no metallic fatigue or mechanical deterioration
- Heat expansion and cold contraction are absorbed by the highly conformable, viscoelastic adhesive tape
- Vibration and shock-absorbing properties
- Fully waterproof, dustproof and airproof
- Compared with other adhesive connections, there is less labor, rework and time required for touch-upsand and cleaning
- When used in place of spot welding, there is no warping of the sheet metal or welding beads that require grinding off

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 21°C to 30°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.

Print Date: 05.11.2026

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