

## 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

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

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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-ups 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.

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