

## **Technical Product Data Sheet**

# 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  $< 33m = \pm 0,4mm (\pm 1/64")$ , Length  $> 33m = \pm 0,8mm (\pm 1/32")$ ,

Smaller tolerances possible on request and possibly at extra cost, Spools

are not similar to the above-mentioned tolerances

**Effective** 04 July 2024















DE-79227 Schallstadt



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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.

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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.









