

VELCRO® Brand

## 0140 ADHESIVE / FOR PERMANENT BONDING



### 0140 ADHESIVE

Adhesive 0140 is a non-tacky urethane pre-coat applied to the back of VELCRO® Brand tape. It is moisture resistant and ideal for permanent bonding. 0140 is instantly activated by applying acetone or MEK (Methyl Ethyl Ketone). This is best applied with a small brush. It is RF dielectric/weldable and can also be ultrasonically welded onto porous substrates. It is heat activated around 60°C. 0140 performs in a wide range of operating temperatures, achieving ultimate bond strength in 24 hours.

**SPECIAL FEATURES:** Adhesive 0140 is a non-tacky, urethane pre-coat, Ultimate bond strength for permanent, bonding applications, Operating temperature range from -40°C to 121°C, Moisture resistant.

**RECOMMENDED SUBSTRATES:** ABS, Plywood – raw and lacquered, Painted wallboard, Polyethylene, Metals, Polypropylene, Leather, Acrylic \* May not adhere to all types of substrates. Testing is recommended.

**BONDING METHOD:** If the substrate is a non-porous smooth surface, apply the recommended solvent activator freely to the back of the pre-coated VELCRO® Brand tape with a brush or sponge applicator and allow the adhesive to become tacky. Proper tackiness occurs when the adhesive clings to a finger placed on it. When tacky, position the tape on a cleaned substrate using finger pressure to smooth tape. This is most important on edges and corners. Follow a few minutes later with additional hand pressure to ensure a complete bond. Let dry overnight or speed up drying with 60°C heat source. Please be sure to use appropriate safety precautions when using a solvent activator (i.e. proper ventilation, gloves, etc).

VELCRO® Brand

## 0140/Hook 88

- **Base material:** Polyamide
- **Standard colours:** Black, White
- **Standard widths (mm):** 25, 50
- **Standard length:** 22.8 metres
- **Suggested mating component:** Loop 1000
- **Cycle life:** High
- **Custom Cutting:** Available

**Main Applications:** Canvas products, Vinyl binders, Banners, Marine applications, Display boards, PVC, Tarpaulins, Glasses cases, Outdoor Signage, Fluted plastic boards



### HOOK 88 AND LOOP 1000 CLOSURE PERFORMANCE

CYCLE LIFE AVERAGE	SHEAR STRENGTH LENGTH WISE. psi average	SHEAR STRENGTH WIDTH WISE. psi average	CURVED SHEAR ON 11.5cm <sup>2</sup> RADIUS. psi average	TENSION OR LATCHING EFFECT. psi average	PEEL STRENGTH LENGTH WISE. piw average
0.8 piw left after 1000 cycles	0.98 kg/cm <sup>2</sup> 20 psi	0.74 kg/cm <sup>2</sup> 10.5 psi	1.97 kg/cm <sup>2</sup> 28.0 psi	0.46 kg/cm <sup>2</sup> 6.5 psi	0.54 kg/25mm WIDTH 1.6 piw



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