

VELCRO® Brand

## O172 ADHESIVE HOOK & LOOP / GENERAL PURPOSE ADHESIVE



### O172 ADHESIVE

A general purpose, pressure sensitive acrylic adhesive with superior bond strength and high temperature performance. It is excellent on a wide range of substrates with very good adhesion on high-energy surfaces. O172 can be used in automotive, computer, medical and other markets. O172 has moderate tack, achieving full bond strength in 24 hours. When cured, O172 features mild moisture resistance.

**SPECIAL FEATURES:** Adhesive O172 - General purpose uses, Operating temperature range from -35°C to 65°C, Acrylic-based, pressure sensitive adhesive, Moderate tack - full bond strength in 24 hours

**RECOMMENDED SUBSTRATES:** ABS, Fibreglass, Ceramic Tile, Acrylic, Glass, Polystyrene, Vinyl-flexible, Aluminium, Painted wallboards, Steel-raw, Vinyl-rigid, Corrugated paperboard, Polycarbonate, Polyester, Plywood-lacquered & raw. Note: may not adhere to all types of substrates. Testing is recommended.

**CAN BE USES IN APPLICATIONS SUCH AS:** POS Displays, Automotive, signage, Wall brackets, Computer housing, Sports equipment, Envelopes, For many general manufacturing, fastening requirements

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## O172/Hook 88

- **Base material:** Polyamide
- **Standard colours:** Black, White, Beige
- **Standard widths (mm):** 19, 25, 50
- **Standard length:** 25 metres
- **Suggested mating component:** Loop 1000
- **Cycle life:** High
- **Custom Cutting:** Available

**Main Applications:** Apparel, cable management, panels, orthopaedics, seat trim, aviation, furnishing, straps



### HOOK 88 AND LOOP 1000 CLOSURE PERFORMANCE

CYCLE LIFE AVERAGE	SHEAR STRENGTH LENGTH WISE. <i>psi average</i>	SHEAR STRENGTH WIDTH WISE. <i>psi average</i>	CURVED SHEAR ON 11.5cm <sup>2</sup> RADIUS <i>psi average</i>	TENSION OR LATCHING EFFECT <i>psi average</i>	PEEL STRENGTH LENGTH WISE. <i>piw average</i>
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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