

VELCRO® Brand

0119 ADHESIVE HOOK & LOOP / POLYPROPYLENE & POLYETHYLENE



0119 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 0119 is a rubber-based high performance adhesive specially formulated for use on polypropylene and polyethylene substrates. 0119 readily adheres onto plastics such as those used in medical product applications and display board items such as fluted plastic board. It performs in a wide range of operating temperatures and has good initial tack for quick setting. In addition, it features excellent static shear and aggressive peel. Please note: This is a rubber-based adhesive and therefore not suitable for vinyl applications.

SPECIAL FEATURES: Adhesive 0119 - Rubber based, pressure sensitive, Operating temperature range from -35°C to 44°C, Excellent static shear, Good initial tack, Full bond strength in 24 hours, Aggressive peel.

RECOMMENDED SUBSTRATES: Steel – painted, LDPE, Polyethylene, Acrylic, Plywood, Polypropylene, Aluminium, Polycarbonate, Urethane TPU Film HDPE, ABS, Polyester * May not adhere to all types of substrates. Testing is recommended.

FOR BEST RESULTS: Surface should be clean, dry and free of oils, Use clean wiping material with isopropyl alcohol (rubbing alcohol) to free surface of contaminants and allow to dry Peel release liner from back of tape and apply. Be careful not to touch adhesive with your fingers. To maximize adhesive performance, substrate and tape should be applied in conditions of 18-24°C. Allow 24 hours for full bond strength. VELCRO® Brand adhesive products will bond to most metals, glass, wood, card, ceramics and plastics.

VELCRO® Brand

0119/Hook 88

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

Main Applications: Medical products, AFO'S (Ankle Foot Orthoses), Leg splints, Display boards, Wrist splints, Fluted plastic boards, Binders, Prosthetics



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* 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 ² 20 psi	0.74 kg/cm ² 10.5 psi	1.97 kg/cm ² 28.0 psi	0.46 kg/cm ² 6.5 psi	0.54 kg/25mm WIDTH 1.6 piw



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