

VELCRO® Brand  
8224 ADHESIVE HOOK & LOOP / FLAME RETARDANT HOOK AND LOOP



8224 ADHESIVE

A fastening system specifically developed for industries where protection against fire is paramount. Flame retardant pressure sensitive adhesives are suitable for use in applications requiring certification to industry specifications, such as aerospace, military and automotive.

**FLAME RETARDANT HOOK AND LOOP FASTENERS CAN BE MANUFACTURED TO COMPLY WITH:** Federal Aviation Regulations 25.853(A), Motor Vehicle Federal Aviation Regulations 25.853(A) Mil Spec AA 55126 B, Motor Vehicle Safety, Standard FMVSS 302, AMTRAK Spec. No. GEN-S-014-001, Rev. B \*A certificate of analysis is available upon request with each order.

**SPECIAL FEATURES:** A rubber-based pressure sensitive adhesive formulated to meet Boeing Specification BMS 8-285, High track – quick setting, Achieves 80% bond strength in about an hour; full strength in 30 hours, Temperature operating range -40°C to 71°C, Certified to BMS 8-285 60 second burn test for nylon hook and loop and 12 second burn test for polyester hook and loop.

VELCRO® Brand  
8224/Hook 88

- **Base material:** Polyamide
- **Standard colours:** Black, Beige
- **Standard widths (mm):** 20, 25, 50 - Black & 50 - Beige
- **Standard length:** 22.8 metres
- **Suggested mating component:** Loop 1000
- **Cycle life:** High
- **Custom Cutting:** Available

**Main Applications:** Ideal for: Fire fighters turn out garments, Aircraft and automotive upholstery, Train seats, Defence forces vehicles and equipment



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 <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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