

From Polyester To Steel, There's A Specialty Fastener For Your Most Challenging Environments.

SPECIALTY TAPES

From the Velcro Companies.

The Velcro companies offer an extensive selection of hook and loop fasteners designed and engineered for various temperature ranges, environmental, or regulatory-driven specialty applications.

In addition to an extensive product selection, customers benefit from the engineering and applications expertise offered by the worldwide leader in hook and loop fastener technology.

FEATURES INCLUDE

- Chemical-resistance
- UV light-resistance
- Humidity- & moisture-resistance
- Heat-resistance
- Corrosion-resistance
- Flame-retardant
- Extreme high shear strength



VELCRO® BRAND WOVEN POLYESTER FASTENERS

VELCRO® brand woven polyester touch fastener tapes are precision woven of 100% polyester yarn, and are designed for use where resistance to many chemicals or ultraviolet light may be required. The polyester closure will still provide good holding strength when exposed to a high humidity environment or submerged in water for extended periods. It is also available in a FIRE RETARDANT version.

When compared with our woven nylon fastener tapes, polyester fasteners offer the same "holding" strength, measured in terms of shear, tension and peel resistance. Factory applied adhesive pre-coats are available.

HI-AIR® BRAND WOVEN FASTENING TAPES




HI-AIR® brand fire retardant woven hook and loop tapes are made of NOMEX® yarns to meet or exceed existing F.A.A. requirements. The unnapped loop tape is woven with 100% NOMEX® yarns. The hook tape is woven with NOMEX® grounds and 6.5 mil nylon monofilament hook. HI-AIR® tapes are available in natural and camouflage green.

VEL-LOC® BRAND QUADRALOBAL MUSHROOM HOOK

VEL-LOC® brand hook offers extremely high shear strength for use in applications where repeated cycling is not expected. This hook is woven with a nylon ground and polypropylene stalks and heads.

HI-GARDE® BRAND WOVEN FASTENERS

HI-GARDE® brand fasteners, usable to 800°F, are constructed with 300 series stainless steel. This high temperature corrosion-resistant hook and loop closure may be attached by sewing, adhesive bonding, or spot welding. Additional information is available upon request.

Specialty Tapes From Velcro USA Inc.	HI-AIR® BRAND	HI-GARDE® BRAND	VELCRO® BRAND POLYESTER	VELCRO® BRAND POLYESTER	VEL-LOC® BRAND		
VELCRO® BRAND Product Classification	Loop 3000 Hook 66 Loop: 100% NOMEX® Hook: NOMEX® grounds with nylon hook	Loop 8000 Hook 46 Made of non-corrosive metal	Loop 9000 Hook 81 100% POLYESTER	Loop 1000 Hook 81 Hook: 100% POLYESTER Loop: 100% NYLON	QUADRALOBEL MUSHROOM HOOK FASTENER (polypropylene heads)		
Features	<ul style="list-style-type: none"> Woven with 1/16" selvedge on each side Unnapped loop Meets specifications F.A.R. 25.853 MVSS-302 AA55126 	<ul style="list-style-type: none"> Woven with 1/16" selvedge on each side Unnapped loop Heat-resistant to 800°F and corrosive chemicals 	<ul style="list-style-type: none"> Resistance towards water, many chemicals and ultraviolet rays Meets specifications F.A.R. 25.853 MVSS-302 AA 55126 	<ul style="list-style-type: none"> Strong shear fastening strength High wet strength Meets specification AA55126 	<ul style="list-style-type: none"> Meets very high strength requirements with low or no cycle usage No selvedge on either side 		
Available Loop Style	Loop 3000 Woven NOMEX® Unnapped finish	Loop 8000 Woven non-corrosive metal Unnapped finish	Loop 9000 1" & 2" Unnapped 5/8", 3/4", 1 1/2", & 4" Napped PSA - Napped	Loop 1000 Woven nylon Napped finish	Loop 1000 (woven)	Loop 3610 (knitted)	Loop 3905 (knitted)
Cycle Life: Low/Medium/High	Medium	Low	Medium	Medium	Low	Low	Low
 Shear Strength Lengthwise P.S.I. Typical	7.5 (min.)	15.0 (min.)	14.0	18.0	80.0 (min.)	50.0 (min.)	8.0 (min.)
 Tension or Latching P.S.I. Typical	3.0 (min.)	2.0 (min.)	7.5	8.5	18. (min.)	14.0 (min.)	10.0 (min.)
 Peel Strength P.I.W. Typical	0.5 (min.)	0.4 (min.)	0.8	1.8	3.0 (min.)	1.5 (min.)	0.2 (min.)
Temperature Range Based Upon 1000 Hours of Exposure	-70°F to 350°F (-56.7°C to 176.7°C)	-40°F to 800°F (-40°C to 426.7°C)	-70°F to 200°F (-56.7°C to 93.3°C)	-70°F to 200°F (-56.7°C to 93.3°C)	-40°F to 200°F (-40°C to 93.3°C) (for all loops)		
Standard Widths	1" and 2"*	1"	5/8", 3/4", 1", 1 1/2", 2" and 4"	5/8", 3/4", 1", 1 1/2", 2" and 4"	5/8", 3/4", 1", 1-1/2", 2", and 4"		
Standard Colors	Natural, Camouflage Green	Steel Gray	White, Black, Camouflage Green	White, Black, Camouflage Green	White, Black		

MILITARY SPECIFICATIONS

A U.S. Military specification concerning VELCRO® brand fastening tapes has been issued. Please refer to AA55126 (in the latest government revision) titled "Fastening Tape, Hook and Loop Synthetic." VELCRO® brand tapes have been approved by the Defense Logistics Agency for the "Acceptable" Suppliers List (ASL #Ct-C-29). When military specification tapes are required, contact Velcro Canada Inc. directly for the latest revisions and availability.

FOR SALES AND TECHNICAL INFORMATION, PLEASE CONTACT OUR CANADIAN SALES OFFICE AT 1-800-683-5276.

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