

VELCRO® brand  
**Woven Fasteners**

The VELCRO® brand woven hook and loop fastener is where it all began. In the early 1940's, Swiss inventor George de Mestral went on a walk with his dog. Upon his return home, he noticed that his pants and his dog's fur were covered with cockleburs. His inventor's curiosity led him to study the burrs under a microscope, where he discovered their natural hook-like shape.

This was to become the basis for a unique, two-sided fastener - one side with stiff "hooks" like the burrs and the other side with the soft "loops" like the fabric of his pants. The result was VELCRO® Brand woven hook and loop fasteners, named for the French words "velour" and "crochet."



**Applications**



THE VELCRO COMPANIES ARE WORLDWIDE LEADERS IN FASTENING SYSTEMS OFFERING A WIDE RANGE OF SOLUTIONS FROM STANDARD HOOK AND LOOP TO COMPLETE FINISHED PRODUCTS.

**50 YEARS OF EXPERIENCE:** WE ARE PROUD OF OUR HERITAGE IN INNOVATION, HAVING OVER 300 ACTIVE PATENTS TO OFFER BETTER SOLUTIONS TO SATISFY OUR CUSTOMERS' NEEDS.



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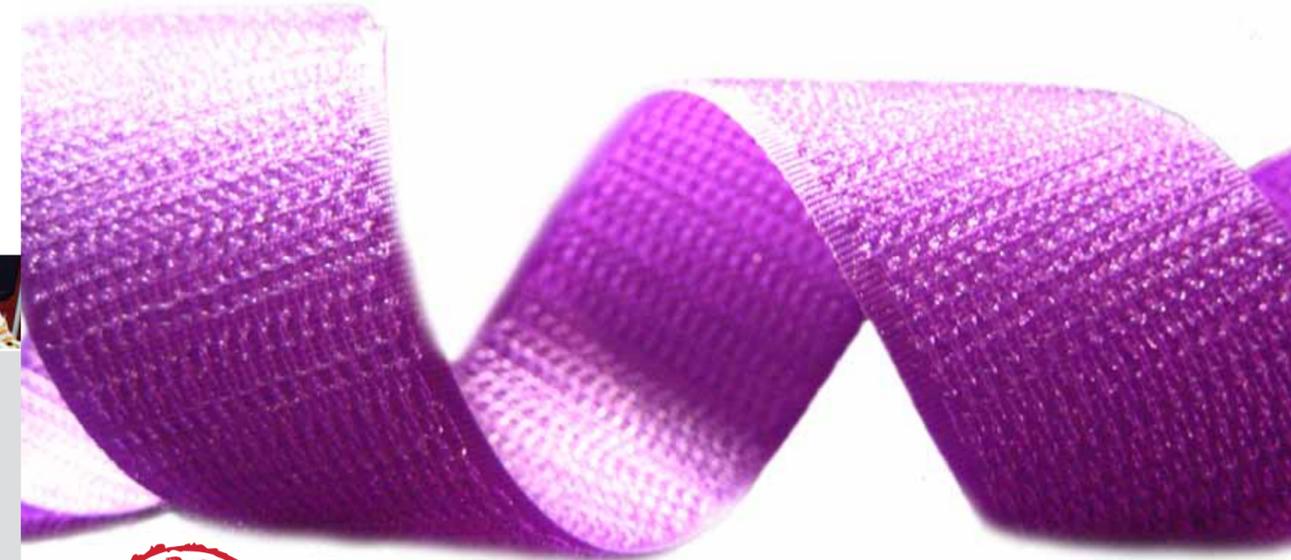
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VELCRO® Brand  
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WORLDWIDE LOCATIONS



NYLON, POLYESTER, ARAMID, AND STAINLESS STEEL HOOK AND LOOP



## Nylon Hook and Loop Fasteners

### Hook 88 & Loop 1000

Hook 88 and Loop 1000 fasteners are suitable for a wide range of applications thanks to the versatility and durability of synthetic nylon yarns.

#### Product Range

- Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4", 6"
- Standard colors: black, white
- Standard put-up: 50 yard rolls
- Other options: sew-on or adhesive backing, fire retardant and military certified versions available, other colors available

#### Performance

- Average peel: 1.2 PIW
- Average shear: 14.0 PSI
- Cycle life: High
- Operating temperature range: -70° F to 200° F (-56.7° C to 93.3° C)

Hook 88 & Loop 1000

## Polyester Hook and Loop Fasteners

### Hook 81 & Loop 9000

Our polyester hook and loop fasteners are UV, chemical, and water resistant, making them ideal for applications where outdoor durability is a must.

#### Product Range

- Standard widths: 1", 2", 4"
- Standard colors: black, white, camouflage
- Standard put-up: 50 yard rolls
- Other options: sew-on or adhesive backing, fire retardant and military certified versions available, other colors available

#### Performance

- Average peel: 0.8 PIW
- Average shear: 14.0 PSI
- Cycle life: Medium
- Operating temperature range: -70° F to 200° F (-56.7° C to 93.3° C)

Hook 81 & Loop 9000

## HI-AIR® Hook and Loop Fasteners

### Hook 66 & Loop 3000

HI-AIR® hook and loop is woven with aramid yarns, a synthetic yarn spun from strong, heat resistant fibers. These unique fasteners meet a number of military and fire retardant specifications.

#### Product Range

- Standard widths: 1", 2"
- Standard colors: natural, camouflage
- Standard put-up: 50 yard rolls
- Other options: sew-on or adhesive backing, fire retardant and military certified versions available

#### Performance

- Average peel: 0.5 PIW
- Average shear: 7.5 PSI
- Cycle life: Medium
- Operating temperature range: -70° F to 350° F (-56.7° C to 176.7° C)

Hook 66 & Loop 3000

## Quadralobal Mushroom Fasteners

### Hook 65 & Loop 2000

Hook 65 is a low profile hook and Loop 2000 is an unnapped loop. Together, these products offer an extremely long lasting, low noise, and easy cycling fastening system.

#### Product Range

- Standard widths: 5/8", 1", 1 1/2", 2", 4"
- Standard colors: black, white
- Standard put-up: 50 yard rolls
- Other options: sew-on or adhesive backing, other colors available

#### Performance

- Average peel: 0.35 PIW
- Average shear: 7.5 PSI
- Cycle life: High
- Operating temperature range: -70° F to 200° F (-56.7° C to 93.3° C)

Hook 65 & Loop 2000

### Hook 87S & Loop 1000

The polypropylene mushroom-shaped heads of Hook 87S offer superior strength when mated with Loop 1000, making this fastening system ideal for applications requiring little to no cycling.

#### Product Range

- Standard widths: 1", 2"
- Standard colors: black
- Standard put-up: 50 yard rolls
- Other options: slit widths also available

#### Performance

- Average peel: 3.0 PIW
- Average shear: 80.0 PSI
- Cycle life: Low
- Operating temperature range: -70° F to 200° F (-56.7° C to 93.3° C)

Hook 87S & Loop 1000

### Hook 46 & Loop 8000

HI-GARDE® hook and loop is woven with 100% stainless steel yarns. This closure system is resistant to heat up to 800° F and can be sewn, welded, or applied with an adhesive.

#### Product Range

- Standard widths: 1"
- Standard colors: steel gray
- Standard put-up: 75 foot rolls

#### Performance

- Average peel: 0.4 PIW
- Average shear: 15.0 PSI
- Cycle life: Low
- Operating temperature range: -40° F to 800° F (-40° C to 426.7° C)

Hook 46 & Loop 8000