VELCRO® brand

Woven Hook and Loop

The VELCRO® brand woven hook and loop fastener is where it all began. Our family of woven fasteners includes traditional nylon hook and loop as well as a number of other polyester and specialty fasteners. Each hook and loop style offers its own unique set of performance and aesthetic characteristics. Standard widths are 5/8”, 1”, 1 1/2”, 2”, and 4” for most products. Please contact us for information on dye-to-match colors and special widths.

The right materials

Nylon

Hook and loop fasteners woven from nylon are suitable for a wide range of every day applications thanks to the versatility and durability of synthetic nylon yarns. VELCRO® brand nylon hook and loop can be sewn or applied with an adhesive.

Polyester

Our polyester hook and loop fasteners are UV, chemical, and water resistant, making them ideal for applications where outdoor durability is a must. VELCRO® brand polyester hook and loop is woven from 100% synthetic polyester yarn and can be sewn or applied with an adhesive.

Aramid

Our 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 for use in aerospace applications.*

Stainless Steel

HI-GARDE® hook and loop fasteners are 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.

...for the right applications.

*Aerospace
Agriculture
Apparel & Footwear
Cable Management
Furnishings
Health Care
Home and Office
Packaging
Personal Care
Protective Apparel
Signage
Sporting Goods
Tactical Equipment

*Please visit velcro.com or contact our customer relations department at 1-800-225-0180 for a full list of product certifications available.
## Performance

### VELCRO® brand Nylon Hook and Loop

<table>
<thead>
<tr>
<th>Closure System</th>
<th>Cycle Life</th>
<th>Peel Strength</th>
<th>Shear Strength Length-Wise</th>
<th>Tension Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hook 65 and Loop 1000</td>
<td>High</td>
<td>1.0 PSI</td>
<td>13.0 PSI</td>
<td>6.5 PSI</td>
</tr>
<tr>
<td>Hook 65 and Loop 2000</td>
<td>High</td>
<td>0.35 PSI</td>
<td>7.5 PSI</td>
<td>7.5 PSI</td>
</tr>
<tr>
<td>Hook 88 and Loop 1000</td>
<td>High</td>
<td>1.2 PSI</td>
<td>14.0 PSI</td>
<td>6.5 PSI</td>
</tr>
<tr>
<td>Hook 88 and Loop 2000</td>
<td>High</td>
<td>0.35 PSI</td>
<td>8.5 PSI</td>
<td>8.5 PSI</td>
</tr>
</tbody>
</table>

**Temperature Range (1000 hours of exposure):** -70°F to 200°F (-56.7°C to 93.3°C)

**Available Put-Ups:** 25 or 50 yard rolls, crosswound spools and dispenser packs

### VELCRO® brand Polyester Hook and Loop

<table>
<thead>
<tr>
<th>Closure System</th>
<th>Cycle Life</th>
<th>Peel Strength</th>
<th>Shear Strength Length-Wise</th>
<th>Tension Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hook 81 and Loop 9000</td>
<td>Medium</td>
<td>0.8 PSI</td>
<td>14.0 PSI</td>
<td>7.5 PSI</td>
</tr>
</tbody>
</table>

**Temperature Range (1000 hours of exposure):** -70°F to 200°F (-56.7°C to 93.3°C)

**Available Put-Ups:** 25 or 50 yard rolls, crosswound spools and dispenser packs

### Specialty Hook and Loop

#### HI-AIR® Aramid Hook and Loop

<table>
<thead>
<tr>
<th>Closure System</th>
<th>Cycle Life</th>
<th>Peel Strength</th>
<th>Shear Strength Length-Wise</th>
<th>Tension Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI-AIR® Aramid Hook and Loop</td>
<td>Medium</td>
<td>0.5 PSI</td>
<td>7.5 PSI</td>
<td>3.0 PSI</td>
</tr>
</tbody>
</table>

**Temperature Range (1000 hours of exposure):** -70°F to 350°F (-56.7°C to 176.7°C)

**Available Put-Ups:** 25 or 50 yard rolls

#### HI-GARDE® Stainless Steel Hook and Loop

<table>
<thead>
<tr>
<th>Closure System</th>
<th>Cycle Life</th>
<th>Peel Strength</th>
<th>Shear Strength Length-Wise</th>
<th>Tension Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI-GARDE® Stainless Steel Hook and Loop</td>
<td>Low</td>
<td>0.4 PSI</td>
<td>15.0 PSI</td>
<td>2.0 PSI</td>
</tr>
</tbody>
</table>

**Temperature Range (1000 hours of exposure):** -40°F to 800°F (-40°C to 426.7°C)

**Available Put-Ups:** 75 foot rolls

#### 87S Quadralobal Mushroom Hook and Loop 1000

<table>
<thead>
<tr>
<th>Closure System</th>
<th>Cycle Life</th>
<th>Peel Strength</th>
<th>Shear Strength Length-Wise</th>
<th>Tension Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>87S Quadralobal Mushroom Hook and Loop 1000</td>
<td>Low</td>
<td>3.0 PSI</td>
<td>80.0 PSI</td>
<td>18.0 PSI</td>
</tr>
</tbody>
</table>

**Temperature Range (1000 hours of exposure):** -40°F to 200°F (-40°C to 93.3°C)

**Available Put-Ups:** 50 yard rolls

*Please note that all strength values reflect the closure system's minimum value.*
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.