



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.



**North American Headquarters**

**United States**  
 Velcro USA Inc.  
 406 Brown Avenue  
 Manchester, NH 03103  
 Tel: (800) 225 0180  
 Fax: (800) 835 2761  
 marketing@velcro.com  
 www.velcro.com

**Canada**

Velcro Canada Inc.  
 114 East Drive  
 Brampton, Ontario  
 L6T 1C1  
 Tel: (905) 791 1630  
 Fax: (905) 791 5329  
 canada@velcro.com  
 www.velcro.ca

**Mexico**

Velcro de Mexico, S.A. de C.V.  
 Ave. Industria No. 102 Nave IV-A  
 Col. Los Reyes Pueblo  
 Tlalnepanitla de Baz  
 Edo. De Mexico C.P. 54090  
 Tel: (+52) 55 5005 3300  
 Fax: (+52) 55 5384 5413  
 ventasmx@velcro.com  
 www.velcrodemexico.com



**Military**  
solutions

**We focus on the fasteners**  
 (So you can focus on the mission)

**INNOVATIVE MILITARY SOLUTIONS**

Velcro USA Inc. is proud to be a recognized supplier of hook and loop fasteners to the United States Military for more than 30 years. We have helped our customers create high performance products including:

- Tactical apparel
- Load-bearing equipment
- Shelters
- Ballistic protection

With manufacturing located in New Hampshire, our products are certified, "Made in the USA," in addition to meeting the requirements of the Berry Amendment.

Velcro USA Inc. is more than a supplier. Our staff of engineers is available for technical support and mutual development opportunities. In collaboration with leading government contractors and research facilities, Velcro USA Inc. provides innovative solutions meeting the rigorous demands of today's military personnel.

WORLDWIDE LOCATIONS



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TACTICAL APPAREL • LOAD-BEARING EQUIPMENT • SHELTERS • BALLISTIC PROTECTION



Made in the U.S.A.





## AA55126 Types and Classes

VELCRO® Brand Military Fasteners are designed to meet United States **Commercial Item Description AA55126 (Rev. B)** issued by Defense Supply Center - Philadelphia. The commercial item description covers the requirements for different types, classes, colors, and widths of hook and loop fasteners. To determine which VELCRO® Brand product meets the type and class required, please refer to this table.

Types (hook only)	Description	VELCRO® Brand Product
Type I	6.5 mil woven hook fastener tape	Hook 65, HI-AIR® Hook 66
Type II	8.0 mil woven hook fastener tape	Hook 81, Hook 89
Type III	Extruded plastic hook fastener tape, non-autoclave	Hook 841
Type IV	Extruded plastic hook fastener tape, autoclave resistant	Hook 745

Classes (hook)	Description	VELCRO® Brand Product
Class 1	100% nylon with selvage	Hook 65, Hook 89
Class 2	75% aramid, 25% nylon	HI-AIR® Hook 66
Class 3	100% polyester with selvage	Hook 81
Class 4	100% nylon without selvage	Hook 65 DD*, Hook 89 DD*, Hook 745, Hook 841
Class 5	100% polyester without selvage	Hook 81 DD*

Classes (loop)	Description	VELCRO® Brand Product
Class 1	100% nylon with selvage	Loop 1100
Class 2	100% aramid	HI-AIR® Loop 003
Class 3	100% polyester with selvage	Loop 9000
Class 4	100% nylon without selvage	Loop 1100 DD
Class 5	100% polyester without selvage	Loop 9000 DD

\* DD is a designator for non-selvage (sometimes known as edge to edge) hook and loop fasteners.



## VELCRO® Brand Hooks

Hook 65	Woven   100% nylon
<ul style="list-style-type: none"> <li>Woven with 6.5 mil yarns</li> <li>Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4"</li> <li>Backings: Sew-on, pressure sensitive adhesive, or heat sealable/RF weldable coating</li> <li>Certified to AA55126B</li> </ul>	
<b>Performance*</b>	
Peel: 0.5 PIW   Shear: 5.0 PSI	

Hook 81	Woven   100% polyester
<ul style="list-style-type: none"> <li>Woven with 8.0 mil yarns</li> <li>Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4"</li> <li>Backings: Sew-on, pressure sensitive adhesive, or heat sealable/RF weldable coating</li> <li>Certified to AA55126B</li> <li>Fire retardant versions available</li> </ul>	
<b>Performance*</b>	
Peel: 0.5 PIW   Shear: 15.0 PSI	

Hook 841	Extruded   100% nylon
<ul style="list-style-type: none"> <li>Extruded plastic hook</li> <li>Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4"</li> <li>Backings: Sew-on</li> <li>Certified to AA55126B</li> </ul>	
<b>Performance*</b>	
Peel: 0.7 PIW   Shear: 15.0 PSI	

Hook 89	Woven   100% nylon
<ul style="list-style-type: none"> <li>Woven with 8.0 mil yarns</li> <li>Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4", 6"</li> <li>Backings: Sew-on, pressure sensitive adhesive, or heat sealable/RF weldable coating</li> <li>Certified to AA55126B</li> <li>Fire retardant versions available</li> </ul>	
<b>Performance*</b>	
Peel: 1.0 PIW   Shear: 10.0 PSI	

HI-AIR® Hook 66	Woven   75% aramid 25% nylon
<ul style="list-style-type: none"> <li>Woven with 6.5 mil yarns</li> <li>Standard widths: 1", 2"</li> <li>Backings: Sew-on, pressure sensitive adhesive</li> <li>Certified to AA55126B</li> </ul>	
<b>Performance*</b>	
Peel: 0.5 PIW   Shear: 10.0 PSI	

Hook 745	Extruded   100% nylon
<ul style="list-style-type: none"> <li>Extruded plastic hook</li> <li>Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4"</li> <li>Backings: Sew-on</li> <li>Certified to AA55126B</li> </ul>	
<b>Performance*</b>	
Peel: 0.5 PIW   Shear: 16.0 PSI	

## VELCRO® Brand Loops

Loop 1100	Woven   100% nylon
<ul style="list-style-type: none"> <li>Woven with 8.0 mil yarns</li> <li>Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4", 6"</li> <li>Backings: Sew-on, pressure sensitive adhesive, or heat sealable/RF weldable coating</li> <li>Certified to AA55126B</li> <li>Fire retardant versions available</li> </ul>	
<b>Performance*</b>	
Peel: 1.0 PIW   Shear: 10.0 PSI	


HI-AIR® Loop 003	Woven   100% aramid
<ul style="list-style-type: none"> <li>Woven with 6.5 mil yarns</li> <li>Standard widths: 1", 2"</li> <li>Backings: Sew-on, pressure sensitive adhesive, or heat sealable/RF weldable coating</li> <li>Certified to AA55126B</li> </ul>	
<b>Performance*</b>	
Peel: 0.5 PIW   Shear: 15.0 PSI	




Loop 9000	Woven   100% polyester
<ul style="list-style-type: none"> <li>Woven with 8.0 mil yarns</li> <li>Standard widths: 5/8", 3/4", 1", 1 1/2", 2", 4", 6"</li> <li>Backings: Sew-on, pressure sensitive adhesive, or heat sealable/RF weldable coating</li> <li>Certified to AA55126B</li> <li>Fire retardant versions available</li> </ul>	
<b>Performance*</b>	
Peel: 0.5 PIW   Shear: 8.0 PSI	



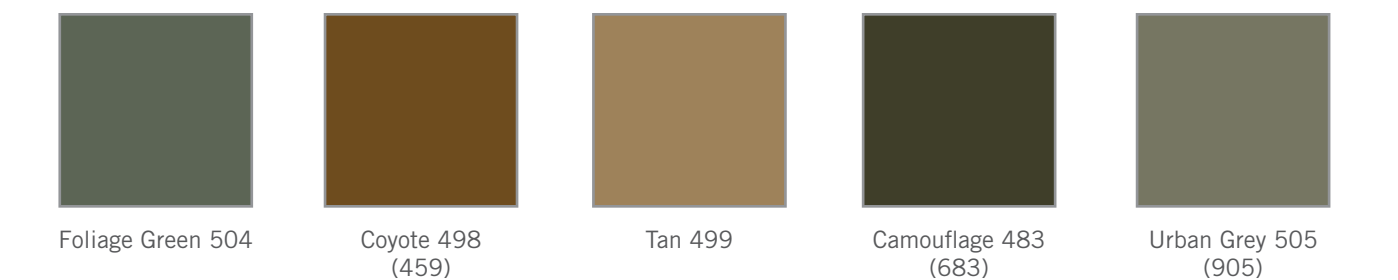
## Other Products

VELCRO® Brand Printed Loop	
<ul style="list-style-type: none"> <li>Featuring VELCRO® Brand Knit Loop 3001</li> <li>Available up to 54" wide</li> <li>Meets performance requirements of AA55126</li> <li>Also available in solid shades</li> </ul>	

VELCRO® Brand ONE-WRAP® Fasteners	
<ul style="list-style-type: none"> <li>Back-to-back fastener laminated without glue - no chemical residue</li> <li>New shades match other military apparel and equipment</li> <li>Designed for durability - ONE-WRAP® fasteners can be used over and over again</li> <li>Range of strap styles and sizes suit a wide variety of applications</li> <li>NIR performance meets MIL standard for solid shade requirements</li> </ul>	

## Color Swatches

Most of our nylon products are available in a wide range of colors, including approved military shades. These are some of our most popular colors. Please note that swatches are approximations of the actual material color. If the Velcro USA Inc. color number differs from the military color number, it is listed in parenthesis.



\* All performance data reflects minimum values.