VELCRO® Brand

Product Line

AMAZING CONNECTIONS™
VELCRO® Brand

Product Line

• Textile Hook & Loop Tapes

• Plastic Hook Tapes

• Self-engaging Hook & Loop Tapes

• Specialties

• Converted Products

• Concepts

• Complementary Information
VELCRO® Brand

Textile Hook & Loop Tapes

AMERICAS PRODUCT LINE
VELCRO® Brand

**Hook 88**

- **Base material:** Nylon
- **Standard colors:** Hook 88 & Loop 1000 color chart
- **Standard widths (inches):** 1/2, 5/8, 3/4, 1, 1-1/2, 2, 4, 6
- **Standard put-ups:** 25 yd rolls, 50 yd rolls
- **Suggested mating component:** Loop 1000
- **Cycle life:** High

**Main applications**
Apparel, cable management, panels, orthopedic braces, seat trim, aviation, furnishing, straps.
Other applications requiring high cycle life closure.

**CHARACTERISTICS**

**TYPES OF ENGAGEMENT**
- SELF-ENGAGING HOOK
- SELF-ENGAGING HOOK & LOOP
- MAGNETIC ATTRACTION

**COLORS**

**PLASTIC HOOK SHAPES**
- UNIDIRECTIONAL

**ADHESIVES & FRT TREATMENTS**
- AVAILABLE WITH PRESSURE SENSITIVE ADHESIVE
- AVAILABLE WITH F.R.T. TREATMENT
- WELDABLE BY HEAT, SOLVENT OR REACTIVATION METHOD

**SPECIAL CHARACTERISTICS**
- COLOR FASTNESS
- WEATHER RESISTANCE
- SHRINKAGE RESISTANCE
- WASHABLE AT HIGH TEMPERATURES

**PRINTING OPTIONS**
- CUSTOMIZED PRINTING

**COLORS**

**APPLICATIONS**
- APPAREL
- CONSTRUCTION
- MEDICAL
- MILITARY & GOVERNMENT
- TRANSPORTATION
- SPECIALTIES
VELCRO® Brand

Hook 89

- **Base material:** Nylon
- **Standard colors:** Black, coyote, foliage green, tan
- **Standard widths (inches):** 5/8, 3/4, 1, 1-1/2, 2, 4
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 1100
- **Cycle life:** High

**Main applications**
Professional apparel (military, firefighters, etc.), reusable diapers, mop heads. Other applications requiring IR resistance.

VELCRO® Brand

Hook 66 HI-AIR®

- **Base material:** Nylon, NOMEX® fibers
- **Standard colors:** Natural, camouflage
- **Standard widths (inches):** 1, 2
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 3000 HI-AIR®
- **Cycle life:** Medium

**Main applications**
Self-extinguishing garments, military apparel, transportation interiors. Other applications requiring to meet military and fire retardant specifications.

VELCRO® Brand

Hook 46 HI-GARDE®

- **Base material:** Stainless Steel
- **Standard colors:** Steel grey
- **Standard widths (inches):** 1
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Loop 8000 HI-GARDE®
- **Cycle life:** Low

**Main applications**
Egress curtain, aircraft thermal blankets and pipe wraps. Other applications requiring extreme temperature and corrosion resistance.

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VELCRO® Brand

**Hook 81 Polyester**

- **Base material:** Polyester
- **Standard colors:** Black, white, camouflage
- **Standard widths (inches):** 3/4, 1, 1-1/2, 2
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Loop 9000 Polyester
- **Cycle life:** Medium

**Main applications**

- Apparel, outdoor applications, transportation interiors.
- Other applications requiring weather (moist, UV…) resistance.

**CERTIFIED TO**

AA55126B

**TEXTILE HOOK & LOOP TAPES | HOOK | Woven Hooks**

- **VELCRO® Brand**
- **Hook 81 Polyester**
- **Certified to AA55126B**

**APPLICATIONS**

- **AMERICAS PRODUCT LINE**
- **VELCRO® and other marks are owned by Velcro Industries B.V. © 2015**
VELCRO® and other marks are owned by Velcro Industries B.V. © 2015
VELCRO® Brand
Loop 1000
- Base material: Nylon
- Standard colors: Hook 88 & Loop 1000 color chart
- Standard widths (inches): 1/2, 5/8, 3/4, 1, 1-1/2, 2, 4, 6
- Standard put-ups: 25 yd rolls, 50 yd rolls
- Suggested mating component: Hook 88
- Cycle life: High

Main applications
Apparel, cable management, panels, orthopedic braces, seat trim, aviation, furnishing, straps.
Other applications requiring high cycle life closure.

VELCRO® Brand
Loop 1100
- Base material: Nylon
- Standard colors: Black, coyote, foliage green, tan
- Standard widths (inches): 5/8, 3/4, 1, 1-1/2, 2, 4
- Standard put-ups: 50 yd rolls
- Suggested mating component: Hook 89
- Cycle life: High

Main applications
Professional apparel (military, firefighters, etc.), reusable diapers, mop heads.
Other applications requiring IR resistance.

VELCRO® Brand
Loop 2000
- Base material: Nylon
- Standard colors: Black, white
- Standard widths (inches): 5/8, 1, 1-1/2, 2, 4
- Standard put-ups: 50 yd rolls
- Suggested mating component: Hook 65
- Cycle life: High

Main applications
Apparel, blood pressure cuffs, transportation interiors, mop heads.
Other applications requiring low shrinkage.
VELCRO® Brand

Loop 4000

- Base material: Nylon
- Standard colors: Black
- Standard widths (inches): 3/4, 1, 2
- Standard put-ups: 50 yd rolls
- Suggested mating component: Hook 841
- Cycle life: High

Main applications
Sports gear, adventurer apparel, performance footwear, outwear.
Other applications requiring a low profile closure.

VELCRO® Brand

Loop 3000 HI-AIR®

- Base material: Nylon / NOMEX® fibers
- Standard colors: Natural, camouflage
- Standard widths (inches): 1, 2
- Standard put-ups: 50 yd rolls
- Suggested mating component: Hook 66 HI-AIR®
- Cycle life: Medium

Main applications
Self-extinguishing garments, military apparel, transportation interiors.
Other applications requiring to meet military and fire retardant specifications.

VELCRO® Brand

Loop 8000 HI-GARDE®

- Base material: Stainless steel
- Standard colors: Steel grey
- Standard widths (inches): 1
- Standard put-ups: 25 yd rolls
- Suggested mating component: Hook 46 HI-GARDE®
- Cycle life: Low

Main applications
Egress curtain, aircraft thermal blankets and pipe wraps.
Other applications requiring extreme temperature and corrosion resistance.

1 NOMEX® is a Reg. TM of E.I. du Pont de Nemours and Company.
VELCRO® Brand
Loop 9000 Polyester

- Base material: Polyester
- Standard colors: Black, white, camouflage
- Standard widths (inches): 3/4, 1, 1-1/2, 2
- Standard put-ups: 25 yd rolls
- Suggested mating component: Hook 81 Polyester
- Cycle life: Medium

Main applications
Apparel, outdoor applications, transportation interiors. Other applications requiring weather (moist, UV…) resistance.

Certified to AK5126B

VELCRO® Brand
VELSTRETCH® Loop 151

- Base material: Nylon, elastomer
- Standard colors: Black, white, beige, ink blue, royal blue
- Standard widths (inches): 5/8, 3/4, 1, 1-1/2, 2
- Standard put-ups: 40 yd rolls
- Suggested mating component: Hook 65, Hook 845
- Cycle life: Medium

Main applications
Elastic straps, fetal monitoring belts, headgears, soccer shin guards, scuba diving equipment straps. Other applications requiring an elastic loop providing comfort as well as a secure fit.

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VELCRO® Brand
Loop 3001
- Base material: Nylon
- Standard colors: Black, white
- Standard widths (inches): Up to 54
- Standard put-ups: 25 yd rolls, 50 yd rolls
- Suggested mating component: Hook 88
- Cycle life: High / Medium

Main applications
Technical apparel, solar panels, back belt support, orthopedic braces, respiratory headgear, fabricated items. Other applications requiring high cycle life.

VELCRO® Brand
Loop 3003
- Base material: Nylon
- Standard colors: Black, white
- Standard widths (inches): Up to 57
- Standard put-ups: 40 yd rolls, 60 yd rolls
- Suggested mating component: Hook 88
- Cycle life: High / Medium

Main applications
Technical apparel, solar panels, back belt support, orthopedic braces, respiratory headgear, fabricated items. Other applications requiring high cycle life.

VELCRO® Brand
Loop 3610
- Base material: Nylon
- Standard colors: Black, white, beige
- Standard widths (inches): Up to 50
- Standard put-ups: 50 yd rolls, 100 yd rolls
- Suggested mating component: Hook 845
- Cycle life: Medium

Main applications
Apparel, orthopedic braces, respiratory headgear, materials handling, transportation interiors, moulding, cleaning products.
## CHARACTERISTICS

### TYPES OF ENGAGEMENT

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<td>PLASTIC HOOK &amp; NONWOVEN LOOP</td>
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### PLASTIC HOOK SHAPES

- **BURR UNIDIRECTIONAL**

### ADHESIVES & F.R.T TREATMENTS

- **AVAILABLE WITH PRESSURE SENSITIVE ADHESIVE**
- **AVAILABLE WITH F.R.T. TREATMENT**
  - **F.R.T. treatment (meets FAR 25.853, MVSS 302)**
- **WELDABLE BY HEAT, SOLVENT OR REACTIVATION METHOD**

### SPECIAL CHARACTERISTICS

- **COLOR FASTNESS**
- **WEATHER RESISTANCE**
- **SHRINKAGE RESISTANCE**
- **WASHABLE AT HIGH TEMPERATURES**

### PRINTING OPTIONS

- **ABC CUSTOMIZED PRINTING**

### COLORS

- **HOOK 88 & LOOP 1000 COLOR CHART**

### APPLICATIONS

- **APPAREL**
- **CONSTRUCTION**
- **MEDICAL**
- **TRANSPORTATION**
- **MILITARY & GOVERNMENT**
- **PACKAGING**
- **PERSONAL CARE**
- **SPECIALTIES**

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### Loop 3607

- **Base material:** Nylon / Backing PVC film
- **Standard colors:** Black, white
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Hook 848
- **Cycle life:** Medium

**Main applications**

Blood pressure cuffs, vinyl pouches.

Other weldable applications onto vinyl substrates.

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### Loop 3368

- **Base material:** Nylon
- **Standard colors:** Black, white
- **Standard widths (inches):** Up to 60
- **Standard put-ups:** 50 yd rolls, 100 yd rolls
- **Suggested mating component:** Hook 845
- **Cycle life:** Medium / Low

**Main applications**

Apparel, colostomy bags, sensor straps, materials handling, transportation interiors, moulding, cleaning products.

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### Loop 3905

- **Base material:** Nylon
- **Standard colors:** Black, white
- **Standard widths (inches):** Up to 58
- **Standard put-ups:** 100 yd rolls, 250 yd rolls
- **Suggested mating component:** Hook 830, Hook 847
- **Cycle life (Hook 830):** Low

**Main applications**

Apparel, surgical gowns, single use straps, packaging, moulding.

Other applications requiring a product for limited number of uses.
VELCRO® Brand
Loop 3707
• Base material: Nylon
• Standard colors: Natural
• Standard widths (inches): Up to 58
• Standard put-ups: 500 yd rolls
• Suggested mating component: Hook 805
• Cycle life: Low

Main applications
Apparel, surgical gowns, single use straps, packaging, moulding. Other applications requiring a product for limited number of uses.

VELCRO® Brand
Loop 3900
• Base material: Nylon
• Standard colors: Black, white
• Standard widths (inches): Up to 58
• Standard put-ups: 100 yd rolls, 250 yd rolls
• Suggested mating component: Hook 830
• Cycle life: Low

Main applications
Apparel, surgical gowns, single use straps, packaging, moulding. Other applications requiring a product for limited number of uses.

VELCRO® Brand
Loop 3200
• Base material: Polyester
• Standard colors: White
• Standard widths (inches): Up to 54
• Standard put-ups: 500 yd rolls
• Suggested mating component: Hook 805
• Cycle life: Low

Main applications
Disposable apparel, surgical gowns, moulding, fabricated items. Other disposable applications.

CHARACTERISTICS
TYPES OF ENGAGEMENT
- WOVEN HOOK & LOOP
- WOVEN MUSHROOM & LOOP/VELOUR
- PLASTIC HOOK & LOOP/VELOUR
- PLASTIC HOOK & NONWOVEN LOOP
- SELF-ENGAGING HOOK
- SELF-ENGAGING HOOK & LOOP
- MAGNETIC ATTRACTION

PLASTIC HOOK SHAPES
- UNIDIRECTIONAL

ADHESIVES & F.R.T TREATMENTS
- AVAILABLE WITH PRESSURE SENSITIVE ADHESIVE
- AVAILABLE WITH F.R.T. TREATMENT
- WELDABLE BY HEAT, SOLENT OR REACTIVATION METHOD

SPECIAL CHARACTERISTICS
- COLOR FASTNESS
- WEATHER RESISTANCE
- SHRINKAGE RESISTANCE
- WASHABLE AT HIGH TEMPERATURES

PRINTING OPTIONS
- CUSTOMIZED PRINTING

COLORS
- HOOK 88 & LOOP 1000 COLOR CHART
- AVAILABLE COLORS

APPLICATIONS
- APPAREL
- CONSTRUCTION
- MEDICAL
- MILITARY & GOVERNMENT
- PACKAGING
- PERSONAL CARE
- TRANSPORTATION
- SPECIALTIES
VELCRO® Brand

Elastic Loop 152

- Base material: Nylon, spandex
- Standard colors: Black, white
- Standard widths (inches): 1, 1-1/2, 2
- Standard put-ups: 25 yd rolls
- Suggested mating component: Hook 88, Hook 745
- Cycle life: Medium / Low

Main applications
Fetal monitoring belts.
Other applications requiring elastic adjustment and short number of uses.

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**FNL 264**

- **Base material:** Polypropylene, polyester
- **Standard colors:** White
- **Standard widths (inches):** 4, 120
- **Standard put-ups:** 4,000 yd rolls
- **Suggested mating component:** Hook 819, Hook 847
- **Cycle life (Hook 819):** Low

**Main applications**
- Roofing / insulating membranes, surgical drapes and gowns, baby diapers.
- Other disposable applications.

**FNL 403**

- **Base material:** Polypropylene
- **Standard colors:** White
- **Standard widths (inches):** 4, 120
- **Standard put-ups:** 4,000 yd rolls
- **Suggested mating component:** Hook 847
- **Cycle life:** Low

**Main applications**
- Roofing / insulating membranes, surgical drapes and gowns, baby diapers.
- Other disposable applications.
VELCRO® Brand

Plastic Hook Tapes
VELCRO® Brand

**Hook 704**

- **Base material:** Polyester / Without backing
- **Standard colors:** Black, white, natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 9000
- **Cycle life:** High / Medium

**Main applications**
Marine straps, outdoor. Other applications requiring UV resistance.

VELCRO® Brand

**Hook 705**

- **Base material:** Nylon / Without backing
- **Standard colors:** Black, white, natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 1000, Loop 3003
- **Cycle life:** High (Loop 1000) / Medium (Loop 3003)

**Main applications**
Outerwear (jackets, ski pants), footwear, signage, straps.

VELCRO® Brand

**Hook 706**

- **Base material:** Nylon / Without backing
- **Standard colors:** Black, white, natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 1000, Loop 2000
- **Cycle life:** High / Medium

**Main applications**
Gaiters, backbelt support. Other applications requiring long cycle life and high shear strength.
VELCRO® Brand

Hook 711

- Base material: Polyethylene / Without backing
- Standard colors: Black, white, natural
- Standard widths (inches): Up to 6
- Standard put-ups: 25 yd rolls
- Suggested mating component: Loop 3003, Loop 3200
- Cycle life: Medium / Low

Main applications
Surgical gowns, sterilizable and disposable goods.

VELCRO® Brand

Hook 719

- Base material: Nylon / Without backing
- Standard colors: Black, coyote
- Standard widths (inches): Up to 6
- Standard put-ups: 25 yd rolls, 50 yd rolls
- Suggested mating component: Loop 1000, Loop 1100, Loop 4000, Loop 3368
- Cycle life: High / Medium

Main applications
Apparel cuffs, military apparel, pouches and other equipment.

VELCRO® Brand

Hook 745

- Base material: Nylon / Without backing
- Standard colors: Black, natural, foliage green
- Standard widths (inches): Up to 6
- Standard put-ups: 50 yd rolls
- Suggested mating component: High (Loop 1000) / Medium (Loop 3003)
- Cycle life: High / Medium

Main applications
Outwear, headgear, medical braces, fabricated items.
VELCRO® Brand

**Hook 748**

- **Base material:** Vinyl / Without backing
- **Standard colors:** White
- **Standard widths (inches):** Up to 5-3/4
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 3607
- **Cycle life:** Medium / Low

**Main applications**
Blood pressure cuffs, PVD Boots.

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**CHARACTERISTICS**

**COLORS**

- **Hook 88 & Loop 1000**
- **Available colors**

**TYPES OF ENGAGEMENT**

- **Self-engaging hook**
- **Self-engaging hook & loop**
- **Plastic hook**
- **Plastic hook & loop/velour**
- **Plastic hook & nonwoven loop**
- **Woven hook & loop**
- **Woven hook & woven loop**
- **Woven mushroom & loop/velour**
- **Woven hook & loop/velour**

**PLASTIC HOOK SHAPES**

- **00**
- **00**
- **00**
- **00**
- **BURR**
- **UNIDIRECTIONAL**

**ADHESIVES & F.R.T TREATMENTS**

- **Available with pressure sensitive adhesive**
- **Available with F.R.T. treatment**
- **Weldable by heat, solvent or reactivation method**

**SPECIAL CHARACTERISTICS**

- **Color Fastness**
- **Weather Resistance**
- **Shrinkage Resistance**
- **Washable at high temperatures**

**PRINTING OPTIONS**

- **ABC**
- **Customized printing**

**APPLICATIONS**

- **Apparel**
- **Construction**
- **Medical**
- **Transportation**
- **Packaging**
- **Personal Care**
- **Specialties**
- **Military & Government**

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### Hook 805

**VELCRO® Brand**

**Hook 805**

- **Base material:** Nylon / Without backing
- **Standard colors:** Black, white
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 3610, Loop 3905
- **Cycle life:** High / Medium

**Main applications**

- Outerwear (ski pants), gators, bracing.

### Hook 842

**VELCRO® Brand**

**Hook 842**

- **Base material:** Polypropylene / Backing: Polypropylene (Nonwoven)
- **Standard colors:** Black, white, beige
- **Standard widths (inches):** 5/8 (16mm), 25/32 (20mm), 1-3/16 (30mm), 1-1/2 (38mm), 1-31/32 (50mm), 4-7/32 (107mm)
- **Standard put-ups:** 54 yd (50m) rolls, 437 yd (400m) spools (16, 20mm)
- **Suggested mating component:** Loop 001, Velour 3165
- **Cycle life:** Medium / Low

**Main applications**

- Apparel, disposable garments, sofa covers, furnishing.
- Other sewable applications.

### Hook 810

**VELCRO® Brand**

**Hook 810**

- **Base material:** Nylon / Without backing
- **Standard colors:** Natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 3610
- **Cycle life:** High / Medium

**Main applications**

- Fabricated straps.

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**CHARACTERISTICS**

**TYPES OF ENGAGEMENT**

- Self-Engaging Hook & Loop
- Self-Engaging Hook & Velcro
- Magnetism

**PLASTIC HOOK SHAPES**

- **Unidirectional**

**ADHESIVES & FRT TREATMENTS**

- Available with Pressure Sensitive Adhesive
- Available with F.R.T. Treatment
- Weldable by Heat, Solvent, or Reactivation Method

**SPECIAL CHARACTERISTICS**

- Color Fastness
- Weather Resistance
- Shrinkage Resistance
- Washable at High Temperatures

**PRINTING OPTIONS**

- Customized Printing

**COLORS**

- Color Fastness
- Weather Resistance

**APPLICATIONS**

- Apparel
- Construction
- Medical
- Transportation
- Specialties
- Packaging
- Personal Care
- Military & Government

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**Hook 811**
- Base material: Polyethylene / Without backing
- Standard colors: Black, white
- Standard widths (inches): Up to 6
- Standard put-ups: 50 yd rolls
- Suggested mating component: Loop 3610, Loop 3905
- Cycle life: Medium

Main applications
Medical disposable, sterilizable goods, single use straps.

**Hook 845**
- Base material: Nylon / Without backing
- Standard colors: Black
- Standard widths (inches): Up to 6
- Standard put-ups: 50 yd rolls
- Suggested mating component: Loop 3610, Loop 4000
- Cycle life: High / Medium

Main applications
Outwear, polishing discs, headgears, orthopedic braces, helmets, moulding, fabricated straps. Other applications requiring high sewing resistance, high frequency weldability, high cycle life closure.

**Hook 848**
- Base material: Vinyl / Without backing
- Standard colors: White
- Standard widths (inches): 12
- Standard put-ups: 50 yd rolls
- Suggested mating components: Loop 3607
- Cycle life: Medium

Main applications
Blood pressure cuffs, vinyl pouches. Other applications requiring welding onto vinyl substrates.
VELCRO® Brand

**Hook 886**
- **Base material:** Nylon / Backing: Polyester (Loop 3200)
- **Standard colors:** Black
- **Standard widths (inches):** 8-1/2, 9, 10
- **Standard put-ups:** 150 yd rolls
- **Suggested mating component:** Loop 3707
- **Cycle life:** Low

**Main applications**
Polishing discs.

**Hook 887**
- **Base material:** Polypropylene / Backing: Polyester (Loop 3200)
- **Standard colors:** Black
- **Standard widths (inches):** 12-3/8, 14
- **Standard put-ups:** 150 yd rolls
- **Suggested mating component:** Loop 3707
- **Cycle life:** Low

**Main applications**
Polishing discs.
### Hook 733
- **Base material:** Polyethylene / Without backing
- **Standard colors:** Black
- **Standard widths (inches):** 4-7/32 (107mm)
- **Standard put-ups:** 97 yd (90m) rolls
- **Suggested mating component:** Loop 1000, Loop 3003, Loop 3001
- **Cycle life (Loop 001):** Medium

**Main applications**
- Photovoltaic panels, outdoor applications.
- Other applications requiring high strength performance, waterproof and UV resistance.

### Hook 752
- **Base material:** Polypropylene / Without backing
- **Standard colors:** Silver
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Loop 9000 Polyester
- **Cycle life:** Low

**Main applications**
- Solar panels.

### Hook 757
- **Base material:** Nylon / Without backing
- **Standard colors:** Black
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Loop 1000, Loop 3001
- **Cycle life:** Low

**Main applications**
- RV panels, holding scrubbing pad.
- Other applications requiring high peel performance.
VELCRO® Brand

**Hook 822**
- **Base material:** Polyethylene / Polypropylene
- **Standard colors:** Natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 100 yd rolls
- **Suggested mating component:** Loop 3610
- **Cycle life:** Medium / Low

**Main applications**
- Fetal monitor belts.

**Hook 830**
- **Base material:** Polyethylene / Polypropylene
- **Standard colors:** Natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 25 yd rolls, 50 yd rolls
- **Suggested mating component:** Loop 3610
- **Cycle life:** Medium / Low

**Main applications**
- Gowns, headrests, medical disposable goods, fabricated straps.

**Hook 833**
- **Base material:** Polyethylene / Polypropylene
- **Standard colors:** Natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 3610
- **Cycle life:** Medium

**Main applications**
- Dolls, intimate apparel, gowns, fabricated straps.
VELCRO® Brand
Hook 511

- Base material: Nylon / Without backing
- Standard colors: Black
- Standard widths (inches): 1
- Standard put-ups: 25 yd rolls
- Suggested mating component: Loop 1000
- Cycle life: Medium / Low

Main applications
Transportation interiors.

CHARACTERISTICS

TYPES OF ENGAGEMENT

- WOVEN HOOK & LOOP
- WOVEN MUSHROOM & LOOP/VELCRO
- PLASTIC HOOK & LOOP/VELCRO
- PLASTIC HOOK & NONWOVEN LOOP

CUSTOMIZED PRINTING

PRINTING OPTIONS

COLORS

HOOK 88 & LOOP 1000 COLOR CHART

AVAILABLE COLORS

APPLICATIONS

- PERSONAL CARE
- CONSTRUCTION
- MEDICAL
- TRANSPORTATION
- MILITARY & GOVERNMENT
- PACKAGING
- SPECIALTIES

ADHESIVES & F.R.T. TREATMENTS

- AVAILABLE WITH PRESSURE SENSITIVE ADHESIVE
- AVAILABLE WITH F.R.T. TREATMENT
- WELDABLE BY HEAT, SOLVENT OR REACTIVATION METHOD

SPECIAL CHARACTERISTICS

- COLOR FASTNESS
- WEATHER RESISTANCE
- SHRINKAGE RESISTANCE
- WASHABLE AT HIGH TEMPERATURES

PLASTIC HOOK SHAPES

- 00
- UNIDIRECTIONAL

VELCRO® Brand
Hook 511

- Base material: Nylon / Without backing
- Standard colors: Black
- Standard widths (inches): 1
- Standard put-ups: 25 yd rolls
- Suggested mating component: Loop 1000
- Cycle life: Medium / Low

Main applications
Transportation interiors.

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### CHARACTERISTICS

#### TYPES OF ENGAGEMENT
- Self-Engaging Hook
- Woven Hook & Loop
- Plastick Hook & Loop/Velour
- Plastick Hook & Nonwoven Loop
- Plastic Hook & Nonwoven Loop

#### PLASTIC HOOK SHAPES
- 00
- 00
- 00
- 00
- Burr

#### ADHESIVES & FRT TREATMENTS
- Available with Pressure Sensitive Adhesive
- Available with F.R.T. Treatment
- Weldable by Heat, Solvent or Reactivation Method

#### SPECIAL CHARACTERISTICS
- Color Fastness
- Weather Resistance
- Shrinkage Resistance
- Washable at High Temperatures

#### PRINTING OPTIONS
- Customized Printing

#### COLORS
- Hook 88 & Loop 1000 Color Chart
- Available Colors

#### APPLICATIONS
- Apparel
- Construction
- Medical
- Military & Government
- Packaging
- Personal Care
- Transportation
- Specialties

---

**VELCRO® Brand Hook 819**

- **Base material:** Polypropylene / Without backing
- **Standard color:** Natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 2,500 yd rolls
- **Suggested mating component:** Loop 3905, FNL 264
- **Cycle life (FNL 264):** Low

**Main applications**
- Surgical gowns and drapes, baby and incontinence diapers, other disposable applications.
- Applications requiring ultrasonic weldability.

---

**VELCRO® Brand Hook 744**

- **Base material:** Vinyl / Without backing
- **Standard colors:** White
- **Standard widths (inches):** 2, 12
- **Standard put-ups:** 50 yd rolls, 150 yd rolls
- **Suggested mating component:** Loop 3607
- **Cycle life:** Medium

**Main applications**
- Single patient blood pressure cuffs, SCD (compression) sleeve.
- Other applications requiring weldability onto vinyl substrates.

---

**VELCRO® Brand Hook 841**

- **Base material:** Nylon / Backing: Nylon scrim
- **Standard colors:** Black, white
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50 yd rolls
- **Suggested mating component:** Loop 4000
- **Cycle life:** High / Medium

**Main applications**
- Sports gear, adventurer apparel, performance footwear, outwear.
- Other applications requiring a sewable and low profile closure with high performance (when combined with Loop 4000).
### VELCRO® Brand Hook 732

- **Base material**: Vinyl / Without backing  
- **Standard color**: White  
- **Standard widths (inches)**: Up to 6  
- **Standard put-ups**: 2,500 yd rolls  
- **Suggested mating component**: Loop 3607  
- **Cycle life**: Medium

**Main applications**
- SCD (compression) sleeve.

### VELCRO® Brand Hook 788

- **Base material**: Polypropylene / Without backing  
- **Standard colors**: White, natural  
- **Standard widths (inches)**: 4-7/32 (107mm)  
- **Standard put-ups**: 54 yd (50m) rolls  
- **Suggested mating component**: Knit loops, nonwoven loops  
- **Cycle life**: Low

**Main applications**
- Baby and incontinence diapers.

### VELCRO® Brand Hook 798

- **Base material**: Polypropylene / Backing: Polypropylene (Nonwoven)  
- **Standard colors**: Blue  
- **Standard widths (inches)**: 4-7/32 (107mm)  
- **Standard put-ups**: 54 yd (50m) rolls  
- **Suggested mating component**: Loop 3905, FNL 403  
- **Cycle life (FNL 403)**: Low

**Main applications**
- Industrial uses, toys.  
Other applications requiring high shear or compatibility with PS adhesives.
VELCRO® Brand

Hook 847

- **Base material:** Polypropylene / Without backing
- **Standard color:** Natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 1,312 yd (1,200 m) rolls
- **Suggested mating component:** Loop 3905, FNL 403
- **Cycle life (FNL 403):** Low

**Main applications**
Colostomy bags, baby and incontinence diapers, disposable applications. Other applications requiring engagement onto nonwoven surfaces.
VELCRO® Brand

Self-engaging Hook & Loop Tapes
VELCRO® Brand
**Double Face 200**
- Base material: Nylon
- Standard colors: Black, white
- Standard widths (inches): 63/64 (25mm), 1-37/64 (40mm)
- Standard put-ups: 27 yd (25m) rolls
- Suggested mating component: Self-engaging
- Cycle life: Medium

**Main applications**
Cable management, orthopedics, automotive accessories, bundling, sports. Other applications requiring a high temperature, chemical resistance or no product delamination.

VELCRO® Brand
**Back to back Hoop & Loop**
- Base material: Nylon
- Standard colors: Black
- Standard widths (inches): 1, 1-1/2, 2
- Standard put-ups: 25 yd rolls
- Suggested mating component: Self-engaging
- Cycle life: High

**Main applications**
Cable management, orthopedics, sports, straps, umbrellas. Other applications requiring high cycle life and flexibility.

VELCRO® Brand
**ONE-WRAP®**
- Base material: Polypropylene (Hook) / Backing: Nylon (Loop 3610)
- Standard colors: Black, white, adamia, bacardi brown, beige, coachman green, lemon, light grey, orange, red, royal blue
- Standard widths (inches): 3/8, 1/2, 5/8, 3/4, 1, 1-1/2, 2, 3, 4
- Standard put-ups: 25 yd rolls, 150 yd rolls, 200 yd rolls
- Suggested mating component: Self-engaging
- Cycle life: Medium

**Main applications**
Cable management, medical equipment bundling, materials handling, gardening, sports and leisure activities equipment. Other applications requiring a strong, durable, adjustable and reusable self-engaging fastener.
VELCRO® Brand
ONE-WRAP® Fire Retardant

- **Base material:** Polypropylene (Hook) / Backing: Nylon (Loop 3610)
- **Standard colors:** Black, cranberry
- **Standard widths (inches):** 3/8, 1/2, 5/8, 3/4, 1, 1-1/2, 2, 3, 4
- **Standard put-ups:** 25 yd rolls, 150 yd rolls, 200 yd rolls
- **Suggested mating component:** Self-engaging
- **Cycle life:** Medium

**Main applications**
- Cable management, materials handling, adjustable straps.
- Other applications requiring a fire retardant self-engaging fastener.

* Meets MVSS 302, FAR 25.853, Appendix F Part 1 (a) (1) (i) and (ii), and UL 94-V2.

VELCRO® Brand
QWIK-TIE

- **Base material:** Polypropylene (Hook) / Backing: Nylon (Loop 3905)
- **Standard colors:** Black, white, grey / black, red / black
- **Standard widths (inches):** 1/2, 5/8, 3/4, 1
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Self-engaging
- **Cycle life:** Medium / Low

**Main applications**
- Cable management, medical equipment bundling, materials handling, gardening, sports and leisure activities equipment.
- Other applications requiring an adjustable and reusable self-engaging fastener.

VELCRO® Brand
BUNDLE TIE

- **Base material:** Polypropylene (Hook) / Backing: Polyester (Nonwoven 3310)
- **Standard colors:** Black, natural, emerald green, moss green
- **Standard widths (inches):** 1/2, 3/4, 1, 1-1/2, 2
- **Standard put-ups:** 10 yd rolls, 25 yd rolls, 50 yd rolls
- **Suggested mating component:** Self-engaging
- **Cycle life:** Low

**Main applications**
- Agriculture, produce bundling, gardening.
- Other applications requiring a self-engaging product for limited number of uses.

* FDA compliant for produce bundling and food packaging.
VELCRO® Brand
FLEX-ZONE™ 3610

- **Base material**: Polypropylene (Hook) / Nylon (Loop 3610)
- **Standard colors**: White (Hook) / White, beige, yellow (Loop)
- **Standard widths (inches)**: from 7-3/4" to 14"
- **Standard put-ups (pre-cut pieces)**: 54 yd (50m) rolls
- **Suggested mating component**: Self-engaging
- **Cycle life**: Medium / Low

**Main applications**
Materials handling, electrical wires, harness protection, assembly straps. Other applications requiring a self-engaging fastener with medium / low cycle life.

VELCRO® Brand
FLEX-ZONE™ 3905

- **Base material**: Polypropylene (Hook) / Nylon (Loop 3905)
- **Standard colors**: White (Hook) / White (Loop)
- **Standard widths (inches)**: from 7-3/4" to 14"
- **Standard put-ups (pre-cut pieces)**: 54 yd (50m) rolls
- **Suggested mating component**: Self-engaging
- **Cycle life**: Medium / Low

**Main applications**
Materials handling, electrical wires, harness protection, assembly straps. Other applications requiring a self-engaging fastener with medium / low cycle life.
OMNI-TAPE®

- Base material: Nylon
- Standard colors: Black, white
- Standard widths (inches): 25/32 (20mm), 63/64 (25mm), 1-31/32 (50mm)
- Standard put-ups: 27 yd (25m) rolls
- Suggested mating component: Self-engaging
- Cycle life: High

Main applications
High quality apparel, leather jackets, orthopedic immobilizers, sports.

VELCRO® Brand
OMNI-TAPE®

• Base material: Nylon
• Standard colors: Black, white
• Standard widths (inches): 25/32 (20mm), 63/64 (25mm), 1-31/32 (50mm)
• Standard put-ups: 27 yd (25m) rolls
• Suggested mating component: Self-engaging
• Cycle life: High

Main applications
High quality apparel, leather jackets, orthopedic immobilizers, sports.
VELCRO® Brand
Specialties

AMERICAS PRODUCT LINE
VELCRO® Brand

**DFL-S (Sewn)**
- **Base material:** Nylon knit enfolded strapping
- **Standard colors:** Black, white, beige, blue, camouflage, coronation, silver
- **Standard widths (inches):** 1, 1-1/2, 1-7/8, 2, 3, 3-1/2, 4, 6
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Hook 732
- **Cycle life:** Medium

**Main applications**
Orthopedic bracing.

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VELCRO® Brand

**DFL-B (Bonded)**
- **Base material:** Nylon knit enfolded strapping
- **Standard colors:** Black
- **Standard widths (inches):** 1, 1-1/2, 2
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Hook 732
- **Cycle life:** Medium

**Main applications**
Orthopedic bracing.

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VELCRO® Brand

**DFL-E (Embossed)**
- **Base material:** Nylon knit enfolded strapping
- **Standard colors:** Black, white, beige, blue, camouflage, coronation, silver, silver
- **Standard widths (inches):** 1, 1-1/2, 1-7/8, 2, 3, 3-1/2, 4, 6
- **Standard put-ups:** 25 yd rolls
- **Suggested mating component:** Hook 732
- **Cycle life:** Medium

**Main applications**
Orthopedic bracing.
VELCRO® Brand
DFL-EC
- Base material: Nylon slit laminate strapping
- Standard colors: Black
- Standard widths (inches): 3/4, 1, 1-1/2, 2
- Standard put-ups: 25 yd rolls
- Suggested mating component: Hook 732
- Cycle life: Medium

Main applications
Orthopedic bracing.

VELCRO® Brand
J-Wrap
- Base material: Nylon Knit Wrap / Polyurethane foam and orthowick core
- Standard colors: Black, white, beige, blue, camouflage, coronation, navy, silver, black / yellow, black / red, blue / black
- Standard widths (inches): 1, 1-1/2, 2
- Standard put-ups: 25 yd rolls
- Suggested mating component: Hook 732
- Cycle life: Medium

Main applications
Orthopedic bracing.
**VELCRO® Brand**

**PRESS-LOK® 775**
- **Base material:** Polyethylene
- **Standard colors:** Natural
- **Standard widths (inches):** 1-1/4
- **Standard put-ups:** 6000 ft spool
- **Suggested mating component:** Self-engaging
- **Cycle life:** Medium

**Main applications**
Food and non-food flexible packaging, to be welded onto PE films.

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**VELCRO® Brand**

**PRESS-LOK® 776**
- **Base material:** Polyethylene
- **Standard colors:** Natural
- **Standard widths (inches):** 1-1/4
- **Standard put-ups:** 4000 ft spool
- **Suggested mating component:** Self-engaging
- **Cycle life:** Medium

**Main applications**
Ideal for powder products, food and non-food flexible packaging, to be welded on PE films.

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**VELCRO® Brand**

**PRESS-LOK® 779**
- **Base material:** Polyethylene
- **Standard colors:** Natural
- **Standard widths (inches):** 7/8
- **Standard put-ups:** 7000 ft spool
- **Suggested mating component:** Self-engaging
- **Cycle life:** Medium

**Main applications**
Ideal for powder products, food and non-food flexible packaging, to be welded on PE films.
VELCRO® Brand
PRESS-LOK® 731 (Adhesive 9932)

- **Base material:** Polypropylene / With or without PSA backing
- **Standard colors:** Natural
- **Standard widths (inches):** Up to 6
- **Standard put-ups:** 50yd rolls
- **Suggested mating components:** Self-engaging
- **Cycle life:** Medium

**Main applications**
Medical pouches, stationery, promotional gift.

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VELCRO® Brand
Touch & Seal Closure (Weldable)
Hook 832 / Velour 3314

- **Base material:** Polyethylene (Hook 832), nylon (Loop 3314)
- **Standard colors:** Natural
- **Standard widths (inches):** 3/8
- **Standard put-ups:** Spools
- **Suggested mating components:** NA
- **Cycle life:** Low

**Main applications**
Bags, closure to be welded onto PE films for non-food applications.

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CHARACTERISTICS

**TYPES OF ENGAGEMENT**
- Woven Hook & Woven Loop
- Woven Mushroom & Loop/velour
- Plastic Hook & Loop/velour
- Plastic Hook & Nonwoven Loop
- Self-Engaging Hook
- Self-Engaging Hook & Loop
- Magnetic Attraction

**PLASTIC HOOK SHAPES**
- Burr
- Unidirectional

**ADHESIVES & F.R.T. TREATMENTS**
- Available with Pressure Sensitive Adhesive
- Available with F.R.T. Treatment (meets FAR 25.853, MVSS 302)
- Weldable by Heat, Solvent or Reactivation Method

**SPECIAL CHARACTERISTICS**
- Color Fastness
- Weather Resistance
- Shrinkage Resistance
- Washable at high temperatures

**PRINTING OPTIONS**
- Customized Printing

**COLORS**
- Hook 88 & Loop 1000 Color Chart
- Available Colors

**APPLICATIONS**
- Apparel
- Construction
- Medical
- Military & Government
- Packaging
- Personal Care
- Transportation
- Specialties
VELCRO® Brand

Hook 701

- Base material: Polypropylene (Hook) / Backing: Polypropylene (Nonwoven)
- Standard colors: Natural
- Standard widths (mm): 90 (2x15 Hook lanes)
- Standard put-ups: 1,400m rolls
- Suggested mating components: Loop 3905, FNL 264
- Cycle life (Loop 3905): Low

Main applications
Baby and adult diapers.
Other applications requiring hook integrated into nonwoven materials.
VELCRO® Brand

DCS 36 (Centre Slit)
- **Base material:** Nylon (Hook) / Backing: Polyester (Loop 3200) / Cover: PVC, Fe
- **Standard colors:** Black
- **Standard widths (inches):** Customized shapes
- **Standard put-ups:** Bulk pieces
- **Suggested mating component:** Loop Auto Standard
- **Cycle life:** High

**Main applications**
- Molding, automotive seating.

VELCRO® Brand

DCS 36 (End Tab)
- **Base material:** Nylon (Hook) / Backing: Polyester (Loop 3200) / Cover: PVC Fe
- **Standard colors:** Black
- **Standard widths (inches):** Customized shapes
- **Standard put-ups:** Bulk pieces
- **Suggested mating component:** Loop Auto Standard
- **Cycle life:** High

**Main applications**
- Molding, automotive seating.

VELCRO® Brand

MIGG 15
- **Base material:** Nylon (Hook) / Polyurethane (gasket)
- **Standard colors:** Black / blue
- **Standard widths (mm):** 15
- **Standard put-ups:** Bulk pieces
- **Suggested mating components:** Loop Auto MIGG, Loop Auto Standard
- **Cycle life:** Medium

**Main applications**
- Seat hook tie down.
VELCRO® Brand

MIGG 15-1
- Base material: Nylon (Hook) / polyurethane (gasket)
- Standard colors: Black / grey
- Standard widths (mm): 15
- Standard put-ups: Bulk pieces
- Suggested mating components: Loop Auto MIGG, Loop Auto Standard
- Cycle life: Medium

Main applications
Seat hook tie down.

VELCRO® Brand

HF3
- Base material: Nylon (Hook) / polyurethane (gasket)
- Standard colors: Black / blue
- Standard widths (mm): 12, 15
- Standard put-ups: Bulk pieces
- Suggested mating components: Loop Auto MIGG
- Cycle life: Medium / Low

Main applications
Automotive seating.

VELCRO® Brand

Flex-MIGG
- Base material: Nylon (Hook) / polyurethane (gasket)
- Standard colors: Black / blue, black / green
- Standard widths (mm): 12, 15
- Standard put-ups: Bulk pieces
- Suggested mating components: Loop Auto MIGG
- Cycle life: Low

Main applications
Automotive seating.
VELCRO® Brand

Loop Auto Standard

- **Base material:** Nylon
- **Standard colors:** Natural
- **Standard widths (mm):** 33, 39
- **Standard put-ups:** Spools
- **Suggested mating components:** DCS 36, MIGG 15, MIGG 15-1
- **Cycle life:** Medium

**Main applications**
Seat loop tie down.

VELCRO® Brand

Loop Auto MIGG

- **Base material:** Polyester
- **Standard colors:** Natural
- **Standard widths (mm):** 40
- **Standard put-ups:** Spools
- **Suggested mating components:** MIGG 15, MIGG 15-1, HF3, Flex-MIGG, 4Qi
- **Cycle life:** Medium

**Main applications**
Automotive seating.
VELCRO® Brand
Burr Hook

- **Base material**: Nylon
- **Standard colors**: Black
- **Standard widths (mm)**: 50
- **Standard put-ups**: Bulk pieces
- **Suggested mating components**: Cut loop carpets
- **Cycle life**: High

**Main applications**
Carpet fixation.

**Characteristics**

**Types of engagement**
- **Self-Engaging Hook**
- **Self-Engaging Hook & Loop**
- **Plastic Hook & Nonwoven Loop**

**Plastic hook shapes**
- **Unidirectional**

**Special characteristics**
- **Color fastness**
- **Shrinkage resistance**
- **Washable at high temperatures**
- **Weather resistance**

**Printing options**
- **Customized printing**

**Colors**
- **Available colors**

**Applications**
- **Apparel**
- **Construction**
- **Medical**
- **Transportation**
- **Specialties**

**Velcro® Brand Burr Hook**

- **Base material**: Nylon
- **Standard colors**: Black
- **Standard widths (mm)**: 50
- **Standard put-ups**: Bulk pieces
- **Suggested mating components**: Cut loop carpets
- **Cycle life**: High

**Main applications**
Carpet fixation.

**Burr Hook**

- **Base material**: Nylon
- **Standard colors**: Black
- **Standard widths (mm)**: 50
- **Standard put-ups**: Bulk pieces
- **Suggested mating components**: Cut loop carpets
- **Cycle life**: High

**Main applications**
Carpet fixation.
VELCRO® Brand

Converted Products
**CHARACTERISTICS**

**TYPES OF ENGAGEMENT**
- Woven Hook & Woven Loop
- Woven Mushroom & Loop/Velour
- Plastic Hook & Loop/Velour
- Plastic Hook & Nonwoven Loop

**COLORS**
- Hook 88 & Loop 1000

**PLASTIC HOOK SHAPES**
- 00
- 00
- 00
- 00
- Burr
- Unidirectional

**ADHESIVES & F.R.T TREATMENTS**
- Available with Pressure Sensitive Adhesive
- Available with F.R.T Treatment
- Weldable by Heat, Solvent or Reactivation Method

**SPECIAL CHARACTERISTICS**
- Color Fastness
- Weather Resistance
- Shrinkage Resistance
- Washable at High Temperatures

**PRINTING OPTIONS**
- Customized Printing

**COLORS**
- Hook 88 & Loop 1000 Color Chart
- Available Colors

**APPLICATIONS**
- Apparel
- Construction
- Medical
- Transportation
- Military & Government
- Packaging
- Personal Care
- Specialties

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**VELCOIN®**

### Main applications
Apparel, office folders, stationery, rigid packaging & trays.

**VELCRO® Brand**

### Easy Coin (PS-32, 1-3/8” x 1/2”)
- **Base material:** Polypropylene (Hook 830) / Nylon (Velour 3969)
- **Standard colors:** Black, white
- **Standard widths (inches):** 1-3/8 x 1/2
- **Standard put-ups:** 25yd rolls (1,440 sets approx.)
- **Cycle life:** Medium / Low

### Main applications
Apparel, bag closure, office folders, envelopes, DVD boxes, promotional, rigid packaging & trays.

**VELCRO® Brand**

### PRESS-LOK® 731 (PS-32, 0.4 x 0.8”)
- **Base material:** Polypropylene
- **Standard colors:** Natural
- **Standard widths (inches):** 0.4 x 0.8
- **Standard put-ups:** 50yd rolls (3,428 pieces approx.)
- **Suggested mating components:** Self-engaging
- **Cycle life:** Medium

### Main applications
Stationery, gift boxes.
Straps

- Base material: Nylon / polyester
- Standard colors: Hook 88 & Loop 1000 color chart
- Standard widths (inches): 1/2, 5/8, 3/4, 1, 1-1/2, 2, 4, 6
- Standard put-ups: In bulk, customized
- Suggested mating components: Self-engaging
- Cycle life: High

Main applications
Cable management, tourniquet straps, packaging, metallic trolley closure, automotive accessories (trunk), sports.
Custom manufactured including ultrasonic welding and stitching.

VELCRO® Brand
VELSTRAP®

VELCRO® Brand
Facestrap

VELCRO® Brand
Backstrap

CHARACTERISTICS

TYPES OF ENGAGEMENT
- WOVEN HOOK & LOOP
- PLASTIC HOOK & LOOP/VELCOUR
- PLASTIC HOOK & NONWOVEN LOOP

COLORS

COLOR FASTNESS
WEATHER RESISTANCE
SHRINKAGE RESISTANCE
WASHABLE AT HIGH TEMPERATURES

APPLICATIONS

APPLIANCES
CONSTRUCTION
MEDICAL
TRANSPORTATION
MILITARY & GOVERNMENT
PACKAGING
PERSONAL CARE
SPECIALTIES
VELCRO® Brand
ONE-WRAP® Strap

• Base material: Polypropylene (Hook) / Backing: Nylon (Loop 3610)
• Standard colors: Black, white, adamiya, bacardi brown, beige, coachman green, lemon, light grey, orange, red, royal blue
• Standard sizes (inches): *
• Standard put-ups: *
• Suggested mating component: Self-engaging
• Cycle life: Medium

VELCRO® Brand
ONE-WRAP® Strap Fire Retardant

• Base material: Polypropylene (Hook) / Backing: Nylon (Loop 3610)
• Standard colors: Black, cranberry
• Standard sizes (inches): *
• Standard put-ups: *
• Suggested mating component: Self-engaging
• Cycle life: Medium

Main applications
Cable management, medical equipment bundling, materials handling, gardening, sports and leisure activities equipment. Other applications requiring a strong, durable, adjustable and reusable self-engaging fastener.

Main applications
Cable management, materials handling, adjustable straps. Other applications requiring a fire retardant self-engaging fastener.

(*)

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HOW TO USE IT

1. Pre-cut straps in spools
2. Cable management
3. Materials handling
4. Adjustable straps
5. Fire retardant applications

CONVERTED PRODUCTS | STRAPS

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VELCRO® Brand

QWIK-TIE Strap

- Base material: Polypropylene (Hook) / Backing: Nylon (Loop 3905)
- Standard colors: Black, white, grey / black, red / black
- Standard sizes (inches): *
- Standard put-ups: *
- Suggested mating component: Self-engaging
- Cycle life: Medium / Low

Main applications
Cable management, medical equipment bundling, materials handling, gardening, sports and leisure activities equipment. Other applications requiring a strong, durable, adjustable and reusable self-engaging fastener.

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<td>1” x 12”</td>
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PUT-UP

Pre-cut straps in spools

HOW TO USE IT

1 2 3 4 5

AMERICAS PRODUCT LINE
VELCRO® Brand
System Strap

Main applications
Cable management, orthopedics, automotive accessories.

HOW TO USE IT

1. Insert Velcro® into buckle
2. Pull apart
3. Pull back
4. Secure

Buckle supplement
- Base material: Polyamide 12 (Hook 805)
- Standard colours: Black
- Standard widths (mm): 25, 38, 50
- Standard put-ups: Bulk pieces
- Suggested mating component: Velour 3165
- Cycle life: Medium

Hook tip
- Base material: Polyamide (Hook 805)
- Standard colours: Black
- Standard widths (mm): 25, 38, 50
- Standard put-ups: Bulk pieces
- Suggested mating component: Velour 3165
- Cycle life: Medium

VELCRO® Brand
Back to Back Velour 3165
- Base material: Polyamide
- Standard colours: Black, white
- Standard widths (mm): 20, 25, 30, 38, 50, 1300
- Standard put-ups: 25m rolls
- Suggested mating components: Hook 088, Hook 805
- Cycle life (Hook 805): Medium

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### CHARACTERISTICS

**TYPES OF ENGAGEMENT**
- WOVEN HOOK & LOOP
- SELF-ENGAGING HOOK
- WOVEN MUSHROOM & LOOP/VELOUR
- SELF-ENGAGING HOOK & LOOP
- PLASTIC HOOK & LOOP/VELOUR
- MAGNETIC ATTRACTION
- PLASTIC HOOK & NONWOVEN LOOP

**PLASTIC HOOK SHAPES**
- 00
- 00
- 00
- 00
- BURR
- UNIDIRECTIONAL

**ADHESIVES & F.R.T TREATMENTS**
- AVAILABLE WITH PRESSURE SENSITIVE ADHESIVE
- WELDABLE BY HEAT, SOLVENT OR REACTIVATION METHOD

**SPECIAL CHARACTERISTICS**
- COLOR FASTNESS
- WEATHER RESISTANCE
- SHRINKAGE RESISTANCE
- WASHABLE AT HIGH TEMPERATURES

**PRINTING OPTIONS**
- CUSTOMIZED PRINTING

**COLORS**
- HOOK 88 & LOOP 1000 COLOR CHART
- AVAILABLE COLORS

**APPLICATIONS**
- APPAREL
- CONSTRUCTION
- MEDICAL
- MILITARY & GOVERNMENT
- PACKAGING
- PERSONAL CARE
- TRANSPORTATION
- SPECIALTIES

### VELCRO® Brand

**LogiStrap®**

- **Main applications**
Pallet fixation, fastening system, warehouse management.

- **HOW TO USE IT**

- **Base material:** Nylon
- **Standard widths (inches):** 2
- **Suggested mating components:** Self-engaging
- **Cycle life:** High

- **Standard colors and lengths:**
  - 1.4 ft (0.5 meter)
  - 2 ft (0.7 meter)

### CONVERTED PRODUCTS

**LogiStrap®**

- **LogiStrap® Brand**
- **Main applications**
Pallet fixation, fastening system, warehouse management.

- **HOW TO USE IT**

- **Specifications**
  - **Base material:** Nylon
  - **Standard widths (inches):** 2
  - **Suggested mating components:** Self-engaging
  - **Cycle life:** High

- **Available colors**
  - HOOK 88
  - LOOP 1000

- **Available lengths**
  - 16.4 ft (5 meters)
  - 23 ft (7 meters)

- **Available with**
  - Pressure Sensitive Adhesive
  - Weldable by heat, solvent or reactivation method

- **Special characteristics**
  - Color Fastness
  - Weather Resistance
  - Shrinkage Resistance
  - Washable at high temperatures

- **Printing options**
  - Customized Printing

- **Colors**
  - Available Colors

- **Applications**
  - Apparel
  - Construction
  - Medical
  - Military & Government
  - Packaging
  - Personal Care
  - Transportation
  - Specialties
VELTEX®

- **Base material:** Nylon knit / polyester & polyurethane foam / nylon tricot fabric
- **Standard colors:** Black, white, antique grey, beige, eggshell, ice blue, jungle green, navy, par green, pink, platinum, purple, royal blue, spanish red, sterling
- **Standard widths (inches):** 60
- **Standard put-ups:** 40 yd roll
- **Suggested mating component:** Hook 88
- **Cycle life:** Medium

**BASIC PRODUCT CONSTRUCTION**

- **Hook receptive side:**
  - Nylon Knit
  - Polyester & polyurethane foam
  - Nylon tricot fabric

**Main applications**

- Displays.

**Characteristics**

- **COLOR FASTNESS**
- **SHRINKAGE RESISTANCE**
- **WEATHER RESISTANCE**
- **WASHABLE AT HIGH TEMPERATURES**

**Types of engagement**

- WOVEN HOOK & LOOP
- SELF-ENGAGING HOOK
- WOVEN MUSHROOM & LOOP/VELCOUR
- SELF-ENGAGING HOOK & LOOP
- PLASTIC HOOK & LOOP/VELCOUR
- MAGNETIC ATTRACTION
- PLASTIC HOOK & NONWOVEN LOOP

**Plastic hook shapes**

- 00
- 00
- 00
- 00
- BURR
- UNIDIRECTIONAL

**Adhesives & F.R.T treatments**

- AVAILABLE WITH PRESSURE SENSITIVE ADHESIVE
- AVAILABLE WITH F.R.T. TREATMENT
- WELDABLE BY HEAT, SOLVENT OR REACTIVATION METHOD

**Special characteristics**

- WELDABLE BY HEAT, SOLVENT OR REACTIVATION METHOD
- AVAILABLE WITH PRESSURE SENSITIVE ADHESIVE
- AVAILABLE WITH F.R.T. TREATMENT

**Printing options**

- CUSTOMIZED PRINTING

**Colors**

- HOOK 88 & LOOP 1000 COLOR CHART
- AVAILABLE COLORS

**Applications**

- APPAREL
- CONSTRUCTION
- MEDICAL
- MILITARY & GOVERNMENT
- PACKAGING
- PERSONAL CARE
- TRANSPORTATION
- SPECIALTIES
VELCRO® Brand

Concepts

AMERICAS PRODUCT LINE
VELCRO® Brand

**Self-Engaging PRESS-LOK® Hook**

- **Base material:** Polyethylene / Without backing
- **Suggested mating component:** Self-engaging
- **Cycle life:** High

**Main applications**
- Excellent for panel attachment, signals, stationery, rigid packaging.

**VELCRO® Brand**

**Fish Scale Hook SC2**

- **Base material:** Polypropylene
- **Suggested mating component:** Self-engaging
- **Cycle life:** High

**Main applications**
- Sliding closure system ideal for rigid substrates where shear strength is critical.

---

**CHARACTERISTICS**

**TYPES OF ENGAGEMENT**

- **Self-Engaging Hook**
- **Self-Engaging Hook & Loop**
- **Magnetic Attraction**
- **Plastic Hook & Nonwoven Loop**
- **Plastic Hook & Velour**
- **Plastic Hook & Woven Loop**
- **Plastic Hook & Loop/ Velour**

**COLORS**

- **Available Colors**
  - **Hook & Loop 1000 Color Chart**

**APPLICATIONS**

- **Apparel**
- **Construction**
- **Medical**
- **Transportation**
- **Military & Government**
- **Packaging**
- **Personal Care**
- **Specialties**
Complementary information
STANDARD COLORS

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Color Name</th>
<th>RAL Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>white</td>
<td>9003</td>
</tr>
<tr>
<td>330</td>
<td>black</td>
<td>9004</td>
</tr>
<tr>
<td>750</td>
<td>lemon</td>
<td>1003</td>
</tr>
<tr>
<td>760</td>
<td>orange</td>
<td>3024</td>
</tr>
<tr>
<td>516</td>
<td>pink</td>
<td>3015</td>
</tr>
<tr>
<td>520</td>
<td>red</td>
<td>3020</td>
</tr>
<tr>
<td>557</td>
<td>adamia</td>
<td>4008</td>
</tr>
<tr>
<td>650</td>
<td>coachman green</td>
<td>6016</td>
</tr>
<tr>
<td>683</td>
<td>camouflage green</td>
<td>6020</td>
</tr>
<tr>
<td>106</td>
<td>olive green</td>
<td>6003</td>
</tr>
<tr>
<td>130</td>
<td>medium blue</td>
<td>5024</td>
</tr>
<tr>
<td>155</td>
<td>royal blue</td>
<td>5005</td>
</tr>
<tr>
<td>145</td>
<td>light navy blue</td>
<td>5026</td>
</tr>
<tr>
<td>182</td>
<td>ink blue</td>
<td>5004</td>
</tr>
<tr>
<td>200</td>
<td>beige</td>
<td>1020</td>
</tr>
<tr>
<td>250</td>
<td>brown</td>
<td>8014</td>
</tr>
<tr>
<td>300</td>
<td>light grey</td>
<td>7044</td>
</tr>
<tr>
<td>320</td>
<td>slate grey</td>
<td>7010</td>
</tr>
<tr>
<td>704</td>
<td>yellow glow</td>
<td></td>
</tr>
<tr>
<td>764</td>
<td>orange glow</td>
<td></td>
</tr>
<tr>
<td>469</td>
<td>pink glow</td>
<td></td>
</tr>
<tr>
<td>604</td>
<td>lime glow</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Please note that all color pictures and RAL codes are for reference only. The colors are defined under Illuminant D65 and its specification is max CMC dE 2.
Shapes

PLASTIC TAPES ARE ENGINEERED MOLDED HOOK SHAPES DESIGNED FOR SUPERIOR PERFORMANCE CHARACTERISTICS WITH A WIDE VARIETY OF WOVEN, KNITTED OR NONWOVEN LOOP TAPES.

HOOK SHAPE 15
0.035 in

HOOK SHAPE 20
0.035 in

HOOK SHAPE 22
0.037 in

HOOK SHAPE 24
0.039 in

HOOK SHAPE 241
0.053 in

HOOK SHAPE 29
0.031 in

HOOK SHAPE 31
0.035 in

HOOK SHAPE 36
0.035 in

HOOK SHAPE 66
0.087 in

HOOK SHAPE 233
0.027 in

HOOK SHAPE 97
0.012 in

HOOK SHAPE 99
0.024 in

HOOK SHAPE 108
0.015 in

HOOK SHAPE 29
0.015 in

HOOK SHAPE 294
0.01 in

BURR HOOK
0.197 in

NOTE: For further information, please see VELCRO® Brand Plastic Hook Tapes brochure.
### Semipermanent

#### Pressure Sensitive Adhesives

Pressure sensitive adhesives are popular because of their ease of application - simply remove the release liner and press the tape in place.

#### Application method

- Peel away
- Place
- Press
- Wait
- Engage

### Permanent

#### Heat or Solvent Activated Adhesives

Heat and solvent activated adhesives provide the strongest bond to the tape itself and can be made ready for instant bonding by many methods of application.

#### Mechanical

- Ultrasonics
- High frequency
- Hot air
- Ironing

#### Chemical

- Solvent (acetone, M.E.K.)

---

**SURFACE ENERGY**

<table>
<thead>
<tr>
<th>Adhesives</th>
<th>72</th>
<th>75</th>
<th>19</th>
<th>15</th>
<th>32</th>
<th>35</th>
<th>8219(*)</th>
<th>8224(**)</th>
<th>40</th>
<th>43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive Type</td>
<td>Acrylic Emulsion</td>
<td>Hot Melt Rubber</td>
<td>Polyurethane</td>
<td>Nitrile Rubber</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-30°F to 140°F</td>
<td>-30°F to 110°F</td>
<td>-40°F to 250°F</td>
<td>-40°F to 160°F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short Term Heat Resistance</td>
<td>225°F</td>
<td>185°F</td>
<td>250°F</td>
<td>160°F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Meets FAR 25.853 with FR textile.
** Meets BMS 8-285 with FR textile.
### JOINTS

**Ultrasonic welding**

- **Welding width (inches):** 0.375", 0.5"
- **Standard tape width (inches):** 0.75", 1", 0.5", 2", 4"
- **Materials:** Multiple combinations
- **Resistance:** Depending on materials used

**Line (Straight Stitch)**

- **Sewing area:** Continuous sewn length. This depends of the customer specification. We have materials different width since 1" until 4" as standard. We can make sewing at the strap length direction and depends of the length of the strap we can make sewing along all length.
- **Materials:** Multiple combinations
- **Resistance:** Depending on materials used

**Zig-zag**

- **Sewing area:** Continuous sewn length. This depends of the customer specification. We have materials different width since 1" until 4" as standard. We can make sewing at the strap length direction and depends of the length of the strap we can make sewing along all length.
- **Materials:** Multiple combinations
- **Resistance:** Medium-high. Resistance depends of the material used.

**Customised**

- **Sewing area:** Continuous sewn length
- **Materials:** Multiple combinations
- **Resistance:** Medium-high
<table>
<thead>
<tr>
<th>JOINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overlock (Serge)</strong></td>
</tr>
<tr>
<td>• Sewing area: Regularly this sewing is used to cover edges of the material</td>
</tr>
<tr>
<td>• Materials: Different materials</td>
</tr>
<tr>
<td>• Resistance: Resistance depends of the material used.</td>
</tr>
<tr>
<td><strong>Bartack</strong></td>
</tr>
<tr>
<td>• Sewing area: Regularly this type of sewing has 3/8” length. But depends of the product we can have larger patterns.</td>
</tr>
<tr>
<td>• Materials: Multiple combinations</td>
</tr>
<tr>
<td>• Resistance: Resistance depends of the material used.</td>
</tr>
<tr>
<td><strong>Double needle</strong></td>
</tr>
<tr>
<td>• Sewing area: pending</td>
</tr>
<tr>
<td>• Materials: pending</td>
</tr>
<tr>
<td>• Resistance: pending</td>
</tr>
</tbody>
</table>
### JOINTS

#### Automated

- **Sewing area:** We have different patterns, it depends on the product design
- **Materials:** Different materials
- **Resistance:** Multiple combinations

<table>
<thead>
<tr>
<th>50x100mm</th>
</tr>
</thead>
</table>

#### Walking feet

- **Sewing area:** pending
- **Materials:** pending
- **Resistance:** pending

<table>
<thead>
<tr>
<th>50x100mm</th>
</tr>
</thead>
</table>

#### Cross box stitch

- **Sewing area:** This cross box stitch depends on the width of the materials and also on the overlap of the materials
- **Materials:** Multiple combinations
- **Resistance:** Multiple combinations

<table>
<thead>
<tr>
<th>50x100mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRINTING METHODS</td>
</tr>
<tr>
<td>------------------</td>
</tr>
<tr>
<td>FLEXOGRAPHIC PRINTING</td>
</tr>
<tr>
<td>PAD PRINTING</td>
</tr>
<tr>
<td>STATIONARY SCREEN PRINTING</td>
</tr>
<tr>
<td>HEAT TRANSFER</td>
</tr>
</tbody>
</table>

**NOTE:** Please take that printed samples are for reference only. Pad printing sample has been made with two cycles.
<table>
<thead>
<tr>
<th>PRINTING METHODS</th>
<th>Type of printing</th>
<th>Standard Colors</th>
<th>Standard Materials</th>
<th>Standard Length / Area</th>
<th>Printing width</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTARY SCREEN</td>
<td>Continuous</td>
<td>16 color</td>
<td>On knitted tapes</td>
<td>Continuous length</td>
<td>Up to 60”</td>
</tr>
<tr>
<td>DYE SUBLIMATION</td>
<td>Continuous</td>
<td>Digital artwork</td>
<td>On knitted tapes</td>
<td>Continuous length</td>
<td>Up to 60”</td>
</tr>
</tbody>
</table>

**NOTE:** Please take that printed samples are for reference only. Pad printing sample has been made with two cycles.
Converting

- Slitting
- Scored cut
- Custom manufactured straps
- Perforated
- Mated
- Complete product assembly
- Die cut

Packaging

- Rolls
- Sealed bag
- Bundling
- Spools
- Blister
- Bulk
- Shipping boxes
- Folding boxes
- Customised packaging
- Labels
2 layers laminate

BASIC PRODUCT CONSTRUCTION

Example
VELCRO® Brand
Laminate 3903

3 layers laminate

BASIC PRODUCT CONSTRUCTION

Example
VELCRO® Brand
Laminate 3940

5 layers laminate

BASIC PRODUCT CONSTRUCTION

Example
VELCRO® Brand
Laminate 3999