

VELCRO® Brand
Eco Loop 03P

Technical Data Sheet
 April 2021

PRODUCT DESCRIPTION



VELCRO® Brand 03P is a nylon woven Loop that is constructed from 52% post-industrial recycled content.

Its intended mate is **VELCRO® Brand 02J** nylon woven Hook.

PRODUCT CONSTRUCTION

Fastening system	VELCRO® Brand Eco Loop 03P
Construction	Woven Loop
Composition	Nylon with an acrylic base binder adhesive
Thickness	0.096 inches
Weight	8.48 G/1"*40"
Widths available	12.5mm(1/2"), 20mm(3/4"), 25mm(1"), 38mm 1-1/2"), 50mm(2"), 107mm(4")
Colour available	Black, White, Dye to Match (upon request)

* The above should be considered typical values and is intended to be used as a reference only. This information should not be used for specification purposes. Suitable performance for a specific intended application should be evaluated by the user.

PERFORMANCE CHARACTERISTICS*



Fastening system	VELCRO® Brand Eco Loop 03P
Peel	1.88 PIW with Velcro® Brand Eco Hook 02J
Shear	17.8 PSI with Velcro® Brand Eco Hook 02J

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PRODUCT COMBINATIONS**VELCRO® Brand 03P combines with VELCRO® Brand Hook 02J****ADDITIONAL PERFORMANCE CHARACTERISTICS****Outdoor use**

VELCRO® Brand 03P product can be used on both outdoor and indoor apparel.

**Resistance to solvents**

VELCRO® Brand 03P product has not been tested for resistance to solvents and should be tested in use for a specific application.

**Fire resistance**

VELCRO® Brand 03P can be ignited and is not recommended for applications that require limited flame propagation.

**Water/Moisture resistance**

VELCRO® Brand 03P product is not moisture resistant.

**Sterilisation**

These products have not been tested for physical sterilisation (autoclave, steam, gamma rays, etc.) or chemical sterilisation (ethylene oxide, hydrogen peroxide, etc.).

**Colour fastness**

Avg Class4 per GB/T 5713-1997

**Biocompatibility**

VELCRO® Brand 03P has not been tested for biocompatibility.

**Electrostatic discharge**

VELCRO® Brand 03P has not been tested for electrostatic discharge after opening and closing the fastener. These products must first be tested in applications where electrostatic discharge is a concern.

**Seam strength**

VELCRO® Brand 03P can be applied to several substrates by sewing. A square stitch should be used when possible, but all common stitches also offer adequate strength. The choice of thread will depend on the application and substrate, but it should offer similar strength to stitching.

SUGGESTED APPLICATIONS

Below is a brief description of the typical applications in which the VELCRO® Brand 03P fasteners may be used.

We recommend testing the product before use since the conditions specific to each application may cause differences in performance.

**CATEGORIES –**

VELCRO® Brand 03P is an ideal solution for FOOTWEAR & APPAREL applications

COUNTRY OF ORIGIN

CHINA

REGULATORY ELEMENTS

For product declarations of conformity on regulatory elements and additional information, contact ProductCompliance@velcro.com.

PRODUCT USE

The information, statements and comments contained within this document are based on our experience and testing and are believed to be accurate. However, because there are many factors involved in specific applications that can impact end use and performance, product users should always test the product for its ability to meet the requirements of their specific use and method of application.

LIMITED WARRANTY

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