

VELCRO® Brand  
**Eco Loop 04P, Un-napped**

**Technical Data Sheet**  
 April 2021

**PRODUCT DESCRIPTION**



**VELCRO® Brand 04P** is a nylon woven, un-napped Loop constructed from 55% post- industrial recycled content.

**PRODUCT CONSTRUCTION**

<b>Fastening system</b>	<b>VELCRO® Brand Eco Un-napped Loop 04P</b>
<b>Construction</b>	Woven Loop
<b>Composition</b>	Nylon with an acrylic base binder adhesive
<b>Thickness</b>	0.088 inches
<b>Weight</b>	8.00 G/1”*40”
<b>Widths available</b>	12.5mm(1/2”), 20mm(3/4”), 25mm(1”), 38mm 1-1/2”), 50mm(2”), 107mm(4”)
<b>Colour available</b>	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\***



<b>Fastening system</b>	<b>VELCRO® Brand Eco Un-napped Loop 04P</b>
<b>Peel</b>	<b>0.58 PIW</b> with Velcro® Brand Eco Hook 02J
<b>Shear</b>	<b>14.6 PSI</b> with Velcro® Brand Eco Hook 02J

\* 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.

**PRODUCT COMBINATIONS****VELCRO® Brand 04P combines with VELCRO® Brand Hook 02J.****ADDITIONAL PERFORMANCE CHARACTERISTICS****Outdoor use**

**VELCRO® Brand 04P** product can be used on both outdoor and indoor apparel.

**Resistance to solvents**

**VELCRO® Brand 04P** product is not tested for resistance to solvents and should be tested in use for a specific application.

**Fire resistance**

**VELCRO® Brand 04P** can be ignited and is not recommended for applications that require limited flame propagation.

**Water/Moisture resistance**

**VELCRO® Brand 04P** 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 Class 4 per GB/T 5713-1997

**Biocompatibility**

**VELCRO® Brand 04P** has not been tested for biocompatibility.

**Electrostatic discharge**

**VELCRO® Brand 04P** 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 04P** 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 04P** 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 04P** 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](mailto: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**

Velcro Companies<sup>(\*)</sup> warrants that all of its products will substantially comply with its written specifications at the time of shipment. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. The product user is responsible for determining whether the product is fit and suitable for the intended application. If the product does not meet specifications as warranted, we will, at our option, repair or replace the product, or credit or refund the purchase price. The foregoing constitutes the user's sole remedy and our sole obligation hereunder.

<sup>(\*)</sup>Velcro Companies includes all the partner companies involved in the development, manufacture or sale of the products.

---

**LIMITATION OF LIABILITY**

To the maximum extent permitted under applicable law, our liability for any losses or damages relating to use of the product shall not exceed the purchase price for such product, regardless of whether such losses or damages are direct, indirect, special, incidental or consequential, and regardless of the legal theory asserted, including, but not limited to, warranty, contract, negligence or strict liability.

Given the diversity of our products, we recommend that our customers verify that the product satisfies the requirements of their application. The customer is responsible for the application and use of the product.

---

VELCRO<sup>®</sup> and other brands are owned by Velcro BVBA © 2019