

VELCRO® Brand
Eco Hook 02J

Technical Data Sheet
April 2021

PRODUCT DESCRIPTION



VELCRO® Brand 02J is a nylon woven Hook that is constructed from 55% post-industrial recycled content.



Its intended mate is VELCRO® Brand 03P nylon woven Loop.

PRODUCT CONSTRUCTION

Fastening system	VELCRO® Brand Eco Hook 02J
Construction	Woven Hook
Composition	Nylon with an acrylic base binder adhesive
Thickness	0.075 inches
Weight	9.25 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 Hook 02J
 Peel	1.88 PIW with Velcro® Brand Eco Loop 03P
 Shear	17.8 PSI with Velcro® Brand Eco Loop 03P

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PRODUCT COMBINATIONS
VELCRO® Brand 02J combines with VELCRO® Brand Loop 03P
ADDITIONAL PERFORMANCE CHARACTERISTICS

Outdoor use

VELCRO® Brand 02J can be used on both outdoor and indoor apparel.


Resistance to solvents

VELCRO® Brand 02J product has not been tested for resistance to solvents and should be tested in use for a specific application.


Fire resistance

VELCRO® Brand 02J can be ignited and is not recommended for applications that require limited flame propagation.


Water/Moisture resistance

VELCRO® Brand 02J 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 02J has not been tested for biocompatibility.


Electrostatic discharge

VELCRO® Brand 02J 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 02J 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 02J** fasteners may be used.

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


CATEGORIES –
FOOTWEAR & APPAREL
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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