

VELCRO® Brand
Hook 081-0599
Technical Data Sheet
 May 2020

PRODUCT DESCRIPTION


VELCRO® Brand Hook 081-0599 is a woven Polyester hook. It is a medium-profile hook with medium cycle life when paired with Loop 9000.

VELCRO® Brand Hook 081-0599 is used in Construction, Footwear & Apparel and Transportation Markets

PRODUCT CONSTRUCTION

Fastening system	VELCRO® Brand Hook 081-0599
Construction	Woven Hook
Composition	Polyester with a urethane base binder adhesive
Thickness	0.072 inches
Weight	7.06 grams
Widths available	Up to 4 inches
Colour available	Black, White, Others (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 Hook 081-0599
Peel	0.81 PIW with Velcro® Brand Loop 9000
Shear	24.8 PSI with Velcro® Brand Loop 9000

* 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 Hook 081-0599 is typically paired with Loop 9000

ADDITIONAL PERFORMANCE CHARACTERISTICS



Outdoor use

VELCRO® Brand Hook 081-0599 product is intended for indoor and outdoor use.



Resistance to solvents

VELCRO® Brand Hook 081-0599 product has not been tested for resistance to solvents and should be tested in use for a specific application.



Fire resistance

VELCRO® Brand Hook 081-0599 does not have flame-retardant properties, so its use is not recommended for applications that require limited flame propagation.



Water/Moisture resistance

VELCRO® Brand Hook 081-0599 product is resistant to moisture



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

No relevant information available.



Biocompatibility

VELCRO® Brand Hook 081-0599 has not been tested for biocompatibility.



Electrostatic discharge

VELCRO® Brand Hook 081-0599 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 Hook 081-0599 is a sew-able product.

SUGGESTED APPLICATIONS

Below is a brief description of the typical applications in which the VELCRO® Brand Hook 081-0599 fasteners may be used.



CATEGORIES



CONSTRUCTION



FOOTWEAR & APPAREL

TRANSPORTATION

COUNTRY OF ORIGINUSA

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

Velcro Companies^(*) 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.

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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.

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