

VELCRO® Brand
Knit 3001-0699**Technical Data Sheet**
March 2022**PRODUCT DESCRIPTION**

VELCRO® Brand Knit 3001-0699 is a Nylon circular knit loop that is commonly used in the Medical Market.

PRODUCT CONSTRUCTION**Fastening system** VELCRO® Brand Knit 3001-0699**Construction** Knit Loop**Composition** Nylon**Thickness** 0.106"**Weight (gsm)** 427.54**Widths available** Up to 54"**Colour available** Black, White & Multi-Cam

* 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 Knit 3001-0699**Peel** 1.16 PIW Velcro® Brand Hook 88**Shear** 9.4 PSI Velcro® Brand Hook 88

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PRODUCT COMBINATIONS**VELCRO® Brand Knit 3001-0699 with Hook 88**

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ADDITIONAL PERFORMANCE CHARACTERISTICS



Outdoor use

VELCRO® Brand Knit 3001-0699 products are made with polyamide, which has a known tendency to degrade in UV light. Products are not recommended for direct, prolonged exposure to UV light..



Resistance to solvents

VELCRO® Brand Knit 3001-0699 the polyamide used in this fastening system is resistant to cleaning with solvents or dry cleaning (e.g., tetrachloroethylene) and to accidental exposure to the most common solvents, but it is not resistant to prolonged exposure and its resistance to fluids used for transport, such as gasoline, motor oil and transmission fluids, has not been tested. We recommend testing the product for its specific application.



Fire resistance

VELCRO® Brand Knit 3001-0699 does not have flame-retardant properties, and should not be used where flammability resistance is a concern.



Water/Moisture resistance

VELCRO® Brand Knit 3001-0699 product is not water resistant and is intended for interior applications and dry locations.



Sterilisation

These products have not been tested for physical sterilisation (autoclave, steam, gamma rays, etc.) or chemical sterilisation (ethylene oxide, hydrogen peroxide, etc.). The product should be tested in us for a specific application.



Colour fastness

No relevant information available.



Biocompatibility

VELCRO® Brand Knit 3001-0699 has not been tested for biocompatibility. Customers have full responsibility to determine the suitability for safety and biocompatibility assessments of VELCRO® Brand Loop 3001.



Electrostatic discharge

VELCRO® Brand Knit 3001-0699 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 Knit 3001-0699 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 Knit 3001-0699** fasteners may be used.

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

CATEGORIES –**Apparel****Construction****Medical****Government**

VELCRO® Brand Knit 3001-0699 is an ideal solution for Apparel, back belt support, orthopaedic braces, respiratory headgear, fabricated items.

COUNTRY OF ORIGIN

USA

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.

(*) 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.

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