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VELCRO® Brand

Double Face 200

Technical Data Sheet March 2023

PRODUCT DESCRIPTION



The VELCRO® Brand Double Face 200 fastener is an aesthetical self-engaging tape with hooks and loops on opposite sides, avoiding delamination issues while having an unique closure component for delicate high-end garments.

This self-engaging polyamide tape has hooks and loops woven together on opposite sides of the tape as a single component product.

The VELCRO® Brand Double Face 200 fastener is used in several markets, from footwear & apparel, automotive accessories, medical garments and many more.

Available in multiple colours, multiple widths, converted items and compatible with many application methods such as sewing.

PRODUCT CONSTRUCTION

Fastening system	VELCRO® Brand Double Face 200
Construction	Woven fabric
Composition	Polyamide and synthetic coating
Thickness	3.60 - 5.00 mm
Weight	480 g/m² ± 10%
Widths available + Variations ¹	25, 40 ± 2.0 mm
Colour available	Black, white, grey

¹ Other widths capabilities upon request

PERFORMANCE CHARACTERISTICS²



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Revision #: 01

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² The average values are only for reference. Suitable performance for a specific intended application should be evaluated by the user.





PRODUCT COMBINATIONS

The **VELCRO® Brand Double Face 200** fastener has been designed to be used as a self-engaging tape.

SPECIAL CHARACTERISTICS

Fastening system VELCRO® Brand Double Face 200



Shrinkage EN-ISO-6330/EN 12243

Maximum 5% after 3 washes at 60°C



OEKO-TEX®
STANDARD 100 Class II



Tested for harmful substances, www.oeko-tex.com/standard100



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ADDITIONAL PERFORMANCE CHARACTERISTICS



Outdoor use

Since the product is made with polyamide, which has a known tendency to degrade in UV light, the **VELCRO® Brand Double Face 200** is not recommended for direct, prolonged exposure to UV light.



Resistance to solvents

The polyamide in this fastening system is resistant to cleaning with some solvents and to accidental exposure to common solvents, but any such exposure must not be prolonged (except for strong acids, which hydrolyse it).

Its resistance to fluids used in transport, such as gasoline, motor oil or transmission fluids, has not been tested. We recommend testing the product for its specific application.



Fire resistance

The **VELCRO**® **Brand Double Face 200** does not have flame-retardant treatment, so its use is not recommended for applications that require limited flame propagation.



Water/Moisture resistance

Since the product is made with polyamide, this fastening system degrades its mechanical properties when exposed to water/high humidity (>80% RH) for long periods of time. These properties are typically recovered when the product dries.



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

The **VELCRO**® **Brand Double Face 200** guarantees the following colour fastness:

Colour fastness to washing with soap (ISO 105 C-10): Min. 4

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Colour fastness to dry-cleaning (ISO 105 D-01): Min. 4

Colour fastness to rubbing (ISO 105 X-12): Min. 4

Colour fastness to water (ISO 105 E-01): Min. 4

Colour fastness to sea water (ISO 105 E-02): Min. 4

Colour fastness to perspiration (ISO 105 E-04): Min. 4

Colour fastness to artificial light (ISO 105-B-02): Min. 5 (dark colours); min. 4 (white and light colours)



Biocompatibility

The VELCRO® Brand Double Face 200 has not been tested for biocompatibility.



Electrostatic discharge

The VELCRO® Brand Double Face 200 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

The VELCRO® Brand Double Face 200 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

The VELCRO® Brand Double Face 200 fastener can be used in a wide variety of applications such as:



TRANSPORTATION:



Automotive interior & accessories,

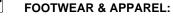


MEDICAL:



Orthopaedics braces, gowns.







Sport garments, workwear, shoes & ski boots.

INDUSTRIAL & CONSTRUCTION:



Cable management, furnishing & curtains, tents, sports equipment.

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

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COUNTRY OF ORIGIN	SPAIN
REGULATORY ELEMENTS	For product declarations of conformity on regulatory elements and additional information, contact productcompliance_emea@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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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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