

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/m <sup>2</sup> ± 10%
Widths available + Variations <sup>1</sup>	25, 40 ± 2.0 mm
Colour available	Black, white, grey

<sup>1</sup> Other widths capabilities upon request

**PERFORMANCE CHARACTERISTICS<sup>2</sup>**

Fastening system	VELCRO® Brand Double Face 200
 <b>Peel</b> EN-12242	Minimum: 0.3 N/cm Average: 2.6 N/cm Tested with VELCRO® Brand Double Face 200
 <b>Shear</b> EN-13780	Minimum: 3.0 N/cm <sup>2</sup> Average: 18.0 N/cm <sup>2</sup> Tested with VELCRO® Brand Double Face 200
 <b>Cycle Life</b> EN-1414	50% of the minimum performance 500 cycles Tested with VELCRO® Brand Double Face 200
 <b>Tensile Strength</b> EN-ISO 13934-1	Minimum: 260 N/cm Average: 400 N/cm

<sup>2</sup> 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



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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)

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**Biocompatibility**

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

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**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.

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**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.

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**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.



**FOOTWEAR & APPAREL:**

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

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**REGULATORY ELEMENTS**

For product declarations of conformity on regulatory elements and additional information, contact [productcompliance\\_emea@velcro.com](mailto:productcompliance_emea@velcro.com).

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**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.

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