

VELCRO® Brand  
**ONE-WRAP® 888 Fastener**

Technical Data Sheet  
August 2020

**PRODUCT DESCRIPTION**



The **VELCRO® Brand ONE-WRAP® 888 Fastener** is a single-component, self-engaging fastener with polyethylene hook on one side and a polyamide engageable loop backing. It has a medium cycle life.

**VELCRO® Brand ONE-WRAP® 888 Fastener** is used for cable management and all applications where bundling is necessary. In addition, **VELCRO® Brand ONE-WRAP® 888 Fastener** is used for Government applications and meets the Military Specification AA-55126-C.

**PRODUCT CONSTRUCTION**

Fastening system	VELCRO® Brand ONE-WRAP® 888 Fastener
Construction	Extruded Hook on Knitted Fabric
Composition	Polyethylene (extruded hook) Polyamide (knitted fabric)
Thickness	0.085 in. – 0.095 in.
Weight	602.77 g/m <sup>2</sup> ± Tolerance
Widths available + Variations*	Up to 12.375 inches
Colour available	Multiple

\* Other widths capabilities upon request

**PERFORMANCE CHARACTERISTICS\***



Fastening system	VELCRO® Brand ONE-WRAP® 888 Fastener
Peel ITM-00044	Average: 0.66PIW Tested with VELCRO® Brand ONE-WRAP® 888 Fastener
Shear ITM-00045	Average: 27.9 PSI Tested with VELCRO® Brand ONE-WRAP® 888 Fastener

\* 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 The VELCRO® Brand ONE-WRAP® 888 Fastener** has been designed to be used as a self-engaging tape.

**ADDITIONAL PERFORMANCE  
CHARACTERISTICS****Outdoor use**

**VELCRO® Brand ONE-WRAP® 888 Fastener** is made with polyethylene and polyamide, which has a known tendency to degrade in UV light. **VELCRO® Brand ONE-WRAP® 888 Fastener** products are not recommended for direct, prolonged exposure to UV light.

**Resistance to solvents**

**VELCRO® Brand ONE-WRAP® 888 Fastener** 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.

The polyethylene in this fastening system 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.

**Fire resistance**

**VELCRO® Brand ONE-WRAP® 888 Fastener** product does not have flame-retardant properties, so its use is not recommended for applications that require limited flame propagation.

**Water/Moisture resistance**

**VELCRO® Brand ONE-WRAP® 888 Fastener** the polyethylene in this fastening system has a good resistance to water. The polyamide in 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**

**VELCRO® Brand ONE-WRAP® 888 Fastener** these products have not been tested for physical sterilisation (autoclave, steam, gamma rays, etc.) or chemical sterilisation (ethylene oxide, hydrogen peroxide, etc.).

**Colour fastness**

**VELCRO® Brand ONE-WRAP® 888 Fastener** No relevant information available.

**Biocompatibility**

**VELCRO® Brand ONE-WRAP® 888 Fastener** has not been tested for biocompatibility

**Electrostatic discharge**

**VELCRO® Brand ONE-WRAP® 888 Fastener** 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 ONE-WRAP® 888 Fastener** is not recommended for sew on applications. It is recommended to find other union alternatives such as ultrasonic welding or adhesives. Users must test each method to see which best suits their application.

**SUGGESTED APPLICATIONS**



**VELCRO® Brand ONE-WRAP® 888 Fastener** can be used in a wide variety of applications such as:

CONSTRUCTION, FOOTWEAR & APPAREL, INDUSTRIAL & GOVERNMENT

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

**COUNTRY OF ORIGIN**

USA

**REGULATORY ELEMENTS**

For product declarations of conformity on regulatory elements and additional information, contact [ProductCompliance@velcro.com](mailto: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<sup>(\*)</sup> 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.

<sup>(\*)</sup> 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.