

VELCRO® Brand

High Technology Hook 32A

Technical Data Sheet
March 2022

PRODUCT DESCRIPTION

VELCRO® Brand High Technology Hook 32A is a polypropylene hook extruded onto a polyester, non-woven loop, manufactured with recycled materials. It is a Self-Engaging product known as VELCRO® Brand ONE-WRAP® Garden Ties or BUNDLE-TIE.

PRODUCT CONSTRUCTION

Fastening system	VELCRO® Brand High Technology Hook 32A
Construction	29 Hook Extruded onto Non-woven Loop
Composition	PCR HDPE, PP and PET
Thickness	0.025 inches.
Weight (gsm)	207
Widths available + Variations*	0.50 inches to 6.18 inches
Colour available	Moss Green

* Other widths capabilities upon request

PERFORMANCE CHARACTERISTICS*

Fastening system	VELCRO® Brand High Technology Hook 32A
 Peel ITM-00044	Average: 0.35 lbf/in Tested with Velcro® Brand Loop 264
 Shear ITM-00045	Average: 6.0 psi Tested with Velcro® Brand Loop 264

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

PRODUCT COMBINATIONS

VELCRO® Brand High Technology Hook 32A has been designed to be used with **VELCRO® Brand Loop 264**.

ADDITIONAL PERFORMANCE CHARACTERISTICS



Outdoor use

VELCRO® Brand High Technology Hook 32A products are made with polyester, which has a good resistance to UV light. Therefore, they are recommended for direct, prolonged exposure to UV light.



Resistance to solvents

VELCRO® Brand High Technology Hook 32A product 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 High Technology Hook 32A product does not have flame-retardant properties and should not be used where flammability resistance is a concern.



Water/Moisture resistance

VELCRO® Brand High Technology Hook 32A is a poly material and should, therefore, maintain its performance when exposed to water for extended lengths of time.



Sterilisation

VELCRO® Brand High Technology Hook 32A 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 High Technology Hook 32A

No relevant information available.



Biocompatibility

VELCRO® Brand High Technology Hook 32A. has not been tested for biocompatibility. Customers have full responsibility to determine the suitability for safety and biocompatibility assessments of **VELCRO® Brand High Technology Hook 32A**.



Electrostatic discharge

VELCRO® Brand High Technology Hook 32A products have 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 High Technology Hook 32A 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.

SUGGESTED APPLICATIONS**CATEGORIES:**

VELCRO® Brand High Technology Hook 32A is an ideal solution for Produce Bundling and Gardening.

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

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