

High Technology Hook 890 with FNL 264

Technical Data Sheet

June 2023

PRODUCT DESCRIPTION



VELCRO® Brand High Technology Hook 890 is a Self-Engaging Polyethylene Hook and Polyester Nonwoven Loop combination in a back-to-back configuration. It is a very low-profile product with a low cycle life.



VELCRO® Brand High Technology Hook 890 is used in Agricultural Applications

PRODUCT CONSTRUCTION

Fastening system	VELCRO® Brand High Technology Hook 890
Construction	Moulded Hook Laminated with Non-woven 264
Composition	Polyethylene (LLDPE) Base Resin to Polypropylene Polyester Loop
Thickness	0.30in. (0.76mm.)
Weight	258 g/m ² ± Tolerance
Widths available + Variations*	0.50 inches to 6.18 inches
Colour available	Moss Green, White, Yellow

* Other widths capabilities upon request

PERFORMANCE CHARACTERISTICS*

Fastening system	VELCRO® Brand High Technology Hook 890
 Peel	Average: 2.3 N/cm (0.2 piw) Tested with VELCRO® Brand FNL 264
 Shear	Average: 2.9 N/cm ² (4.2 psi) Tested with VELCRO® Brand FNL 264

* 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 High Technology Hook 890** has been designed to be used as a Self-Engaging Fastening system and is a single component fastener.

SPECIAL CHARACTERISTICS*

Fastening system

VELCRO® Brand High Technology Hook 890



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ADDITIONAL PERFORMANCE CHARACTERISTICS



Outdoor use

VELCRO® Brand High Technology Hook 890 product is used on indoor and outdoor applications.



Resistance to solvents

VELCRO® Brand High Technology Hook 890 product has not been tested for resistance to solvents and should be tested in use for a specific application.



Fire resistance

VELCRO® Brand High Technology Hook 890 does not have flame-retardant properties, so its use is not recommended for applications that require limited flame propagation.



Water/Moisture resistance

VELCRO® Brand High Technology Hook 890 product is not moisture resistant.



Sterilisation

VELCRO® Brand High Technology Hook 890 product has 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 890 product has not been tested for colourfastness.



Biocompatibility

VELCRO® Brand High Technology Hook 890 has not been tested for biocompatibility.



Electrostatic discharge

VELCRO® Brand High Technology Hook 890 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 High Technology Hook 890 is not intended to be sewn.

SUGGESTED APPLICATIONS

The **VELCRO® Brand HIGH TECHNOLOGY HOOK 890** can be used in a wide variety of applications, including:



CATEGORIES:

CONSTRUCTION

VELCRO® Brand HIGH TECHNOLOGY HOOK 890 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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