

GENERAL PURPOSE FASTENER

 Sell Sheet
 March 2019


VELCRO® Brand Hook and Loop Closure.
 Medium profile for indoor use.

Adhesive designed for a wide number of substrates such as aluminum, stainless steel, glass, plywood and polyester. Adhesive is not suitable for polyethylene, polypropylene or vinyl-PVC.

Medium adhesive temperature resistance -
 Medium tack adhesion.

CLOSURE INFORMATION		
	MATERIAL	Polyamide
	CYCLE LIFE	High
	AVERAGE PEEL	4.2 PIW
	AVERAGE SHEAR	12 PSI
	AVERAGE TENSILE STRENGTH	7.5 PSI
	ADHESIVE OPERATING TEMPERATURE	-30° to 140°F
	ADHESIVE PEEL STRENGTH	8 PIW

REFERENCE	UPC CODE	LENGTH	WIDTH	COLOR	ADHESIVE	QTY PER SHIPPING BOX
31297	075967312978	5 yards	1"	■	0172	6
31298	075967312985	5 yards	1"	□	0172	6
31299	075967312992	5 yards	2"	■	0172	6
31300	075967313005	5 yards	2"	□	0172	6
31301	075967313012	25 yards	1"	■	0172	6
31302	075967313029	25 yards	1"	□	0172	6
31303	075967313036	25 yards	2"	■	0172	6
31304	075967313043	25 yards	2"	□	0172	6

ADHESIVE SUBSTRATE COMPATIBILITY	
Anodized Aluminium	✗
Glass	✓
Painted Wallboard	✓
Plywood	✓
Polyester	✓
Polyethylene	✗
Polypropylene	✗
Stainless Steel	✓
Vinyl	✓
Formica (Polished side)	✓
Cardboard	✓
Polyacrylic	✓
Fabrics	✗

Recommended ✓ Good ✓ Not recommended ✗

APPLICATIONS







TYPICAL SYSTEM PERFORMANCE

The following information should be considered typical and is intended to be used as a reference only. This information should not be used for specification purposes. Suitable performance for a specific intended application should be evaluated by the user.

Unless otherwise stated, tests were performed under controlled nominal laboratory conditions of 72°F (23C) and 50% relative humidity.

PERFORMANCE CHARACTERISTICS

Fastener	VELCRO® Brand Hook 88/Loop 1000 with 72 Adhesive System
 Closure Peel Strength	Avg. = 4.2 PIW
 Closure Shear Strength	Avg. = 12 PSI
 Tensile Disengagement	Avg. = 7.5 PSI
 Cycle Life	High

ATTACHMENT TECHNIQUE

Adhesive 72 should be applied with even pressure ensuring good contact is made with the substrate. As with all VELCRO® Brand adhesives, the substrate should be cleaned with alcohol and fully dried prior to application of the adhesive.

CHARACTERISTICS

Flammability Resistance

VELCRO® Brand Hook 88/Loop 1000 system is not fire retardant and should not be used where flammability resistance is a concern.


Water / Humidity Resistance

Nylon hook and loop fasteners will experience a decrease in performance when exposed to water for extended lengths of time. Performance may be regained once the closure dries. Adhesive 72 is not waterproof and should not be submerged in water, it will however, withstand incidental exposure to water.


Static Discharge

VELCRO® Brand Hook 88/Loop 1000 system has not been tested for static discharge after opening and closing the fastener. If static discharge is a concern, it should be tested in the end use application.


Outdoor Use

Due to the inclusion of nylon in the construction and its known tendency to deteriorate under UV light, VELCRO® Brand Hook 88/Loop 1000 system should be thoroughly tested in this type of application. Adhesive 72 can be used in certain types of outdoor applications, but should be thoroughly tested before use.


Solvent Resistance

The nylon material will resist incidental exposure to common solvents but should not be exposed for extended lengths of time. The product should be tested in use for a specific application and has not been tested for resistance to transportation fluids such as gasoline, motor oils, and transmission fluids.


Shelf Life

Adhesive 72 has a shelf life of 2 years from production date. Keep cool, dry and protect from sunlight

GENERAL STORAGE CONDITIONS

65°F – 75°F (18°C – 24°C) with relative humidity of 40% – 65%

EXTRA THIN FASTENER



VELCRO® Brand High Technology Hook and Loop Closure.
 Medium Profile for indoor use.

Adhesive adequate for a wide number of substrates (including aluminum, stainless steel, glass, plywood and polyester). Adhesive is not suitable for polyethylene, polypropylene or vinyl-PVC.

Medium adhesive temperature resistance -
 Extreme tack adhesion.

CLOSURE INFORMATION		
	MATERIAL	Polypropylene (Hook) Polyamide (Loop)
	CYCLE LIFE	Medium
	PEEL	1.05 PIW
	SHEAR	63.2 PSI
	TENSION	12.3 PSI
	ADHESIVE OPERATING TEMPERATURE	-30° to 110° F
	ADHESIVE PEEL STRENGTH	8 PIW

REFERENCE	UPC CODE	LENGTH	WIDTH	COLOR	ADHESIVE	QTY PER SHIPPING BOX
31310	075967313104	5 yards	1"	■	0115	6
31311	075967313111	5 yards	1"	□	0115	6
31312	075967313128	5 yards	2"	■	0115	6
31313	075967313135	5 yards	2"	□	0115	6
31314	075967313142	25 yards	1"	■	0115	6
31315	075967313159	25 yards	1"	□	0115	6
31316	075967313166	25 yards	2"	■	0115	6
31317	075967313173	25 yards	2"	□	0115	6

ADHESIVE SUBSTRATE COMPATIBILITY	
Anodized Aluminium	✓
Glass	✓
Painted Wallboard	✓
Plywood	✓
Polyester	✓
Polyethylene	✓
Polypropylene	✓
Stainless Steel	✓
Vinyl	✗
Formica (Polished side)	✓
Cardboard	✓
Polyacrylic	✓
Fabrics	✓

Recommended ✓ Good ✓ Not recommended ✗

APPLICATIONS



EDUCATION


 ENERGY &
 UTILITY


FINANCE



GOVERNMENT


 HEALTH
 CARE






MANUFACTURING


 OIL &
 GAS


OEM

TYPICAL SYSTEM PERFORMANCE

The following information should be considered typical and is intended to be used as a reference only. This information should not be used for specification purposes. Suitable performance for a specific intended application should be evaluated by the user.

	Fastener	VELCRO® Brand Hook 830/Knit 3610 with 15 Adhesive System
PERFORMANCE CHARACTERISTICS	 Closure Peel Strength	Avg. = 1.05 PIW
	 Closure Shear Strength	Avg. = 63.2 PSI
	 Tensile Disengagement	Avg. = 12.3 PSI
	 Cycle Life	Medium

ATTACHMENT TECHNIQUE

Adhesive 15 is a general-purpose rubber-based hot melt adhesive. It should be applied with even pressure assuring good contact is made with the substrate. As with all VELCRO® Brand adhesives, the substrate should be cleaned with alcohol and fully dried prior to application of adhesive.

CHARACTERISTICS



Water / Humidity Resistance

Nylon hook and loop fasteners will experience a decrease in performance when exposed to water for extended lengths of time. Performance may be regained once the closure dries.



Electrostatic Discharge

VELCRO® Brand Hook 830/Knit 3610 with 15 Adhesive System has not been tested for static discharge after opening and closing the fastener. If static discharge is a concern, it should be tested for in the end use application.



Outdoor Use

VELCRO® Brand Hook 830/Knit 3610 with 15 Adhesive System has not been tested for resistance to UV light. The product should be tested in use for a specific application.



Solvent Resistance

The product should be tested in use for a specific application and has not been tested for resistance to transportation fluids such as gasoline, motor oils, and transmission fluids.



Sterilization

This product has not been tested for autoclaving, gas, or steam sterilization.

GENERAL STORAGE CONDITIONS

65°F – 75°F (18°C – 24°C) with relative humidity of 40% – 65%

HIGH STRENGTH FASTENER

 Sell Sheet
 March 2019


VELCRO® Brand High Technology Hook and Loop Closure.
 Medium profile for indoor use.

Adhesive adequate for a wide number of substrates (PVC-vinyl, aluminum, stainless steel, glass, plywood and polyester) but not for polyethylene or polypropylene.

High adhesive temperature resistance -
 Medium tack adhesion.

CLOSURE INFORMATION	
	MATERIAL Polyamide
	CYCLE LIFE Medium
	PEEL 1.37 PIW
	SHEAR 24.5 PSI
	TENSION 4.8 PSI
	ADHESIVE OPERATING TEMPERATURE -30° to 140°F
	ADHESIVE PEEL STRENGTH 8 PIW

REFERENCE	UPC CODE	LENGTH	WIDTH	COLOR	ADHESIVE	QTY PER SHIPPING BOX
31305	075967313050	5 yards	1"	■	0172	6
31306	075967313067	25 Yards	1"	■	0172	6
31307	075967313074	5 yards	2"	■	0172	6
31308	075967313081	25 yards	2"	■	0172	6

ADHESIVE SUBSTRATE COMPATIBILITY	
Anodized Aluminium	✗
Glass	✓
Painted Wallboard	✓
Plywood	✓
Polyester	✓
Polyethylene	✗
Polypropylene	✗
Stainless Steel	✓
Vinyl	✓
Formica (Polished side)	✓
Cardboard	✓
Polyacrylic	✓
Fabrics	✗

Recommended ✓ Good ✓ Not recommended ✗

APPLICATIONS



EDUCATION


 ENERGY &
 UTILITY


FINANCE



GOVERNMENT


 HEALTH
 CARE


MANUFACTURING






 OIL &
 GAS


OEM

TYPICAL SYSTEM PERFORMANCE

The following information should be considered typical and is intended to be used as a reference only. This information should not be used for specification purposes. Suitable performance for a specific intended application should be evaluated by the user.

PERFORMANCE CHARACTERISTICS

Fastener	VELCRO® Brand Hook 805/Loop 1000 with 72 Adhesive System
 Closure Peel Strength	Avg. = 1.37 PIW
 Closure Shear Strength	Avg. = 24.5 PSI
 Tensile Disengagement	Avg. = 4.8 PSI
 Cycle Life	Medium

ATTACHMENT TECHNIQUE

Adhesive 72 should be applied with even pressure ensuring good contact is made with the substrate. As with all VELCRO® Brand adhesives, the substrate should be cleaned with alcohol and fully dried prior to application of the adhesive.

CHARACTERISTICS



Flammability Resistance

VELCRO® Brand Hook 805 with Loop 1000 system is not fire retardant and should not be used where flammability resistance is a concern.



Water / Humidity Resistance

Nylon hook and loop fasteners will experience a decrease in performance when exposed to water for extended lengths of time. Performance may be regained once the closure dries. Adhesive 72 is not waterproof and should not be submerged in water. It will, however, withstand incidental exposure to water.



Static Discharge

VELCRO® Brand Hook 805 with Loop 1000 system has not been tested for static discharge after engaging and disengaging the fastener. If static discharge is a concern it should be tested in the end use application.



Outdoor Use

Due to the inclusion of nylon in the construction and its known tendency to deteriorate under UV light, VELCRO® Brand Hook 805 with Loop 1000 system should be thoroughly tested in this type of application. Adhesive 72 can be used in certain types of outdoor applications, but should be thoroughly tested before use.



Solvent Resistance

The nylon material will resist incidental exposure to common solvents but should not be exposed for extended lengths of time. The product should be tested for use in specific applications as it has not been tested for resistance to transportation fluids such as gasoline, motor oils, and transmission fluids.



Shelf Life

Adhesive 72 has a shelf life of 2 years from production date. Keep cool, dry and protect from sunlight.

GENERAL STORAGE CONDITIONS

65°F – 75°F (18°C – 24°C) with relative humidity of 40% – 65%