

Python Hook and Loop

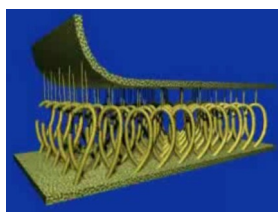
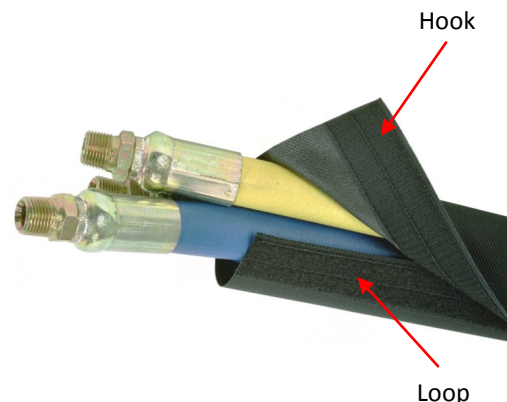
How the Python touch fastener works:

The hooks and loops can be used many times because they are woven with very strong nylon filaments

- Shear Strength is very high due to the weaving density, insuring the closure will not come apart
- Hooks and loops are aligned to maximize hook and loop biting and durability
- Peel strength was designed so the hook and loop can be peeled apart, but will take some effort
- Python uses eco-friendly dyes without Azo or heavy metals

Specifications/Data Sheet:

Brand:	Python
Products:	9 mil hook and woven loop
Material:	Woven
Back Coat:	Urethane
Widths:	1.5" is Standard, specials are 0.75", 1.0", and 2"
Width +/-:	0.125"
Melting Point:	Hook 446° F, Loop 356° F
Standard Op Range:	0° F to 200° F
Water Resistance:	Retains 50% closure strength when wet and recovers 100% after drying
Chemical Resistance:	50% alkaline soda, 28% Ammonia, 2.5% Hydrochloric Acid, 15% Sulphuric Acid, 3.5% Nitric Acid
Sterilization:	Can be Gamma Radiated and Autoclaved
Skin Irritation/Toxicity:	No known irritants or contaminants No toxicity studies that are associated with cancer in animals or humans. This material is not classified as a carcinogen by the International Agency on Cancer Or the National Toxicology Program. No toxicity studies available pertaining to this raw material or its components that are Associated with adverse reproductive effects



Our hook and loop tape, when tested to military requirements # A-A-55126A, Python hook and loop exceeds military requirements in every area tested (H refers to Hook, L refers to Loop).



Test Method	Military Test	Test Results	Class I Requirements
ASTMD3776	Weight per Linear Yard	H=8.1 & L=8.5 g/linear yard	H=4.5 & L=5.9 g/linear yard
ASTMD5034	Breaking Strength	H=216.9 & L=179.1 lbs	H=90.0 & L=75.0 lbs
ASTMD5169	Shear Strength, 0 cycles	20.90 lbs. per inch	5 lbs per inch
	Shear Strength, 1000 cycles	16.98 lbs. per inch	5 lbs per inch
	Shear Strength, 3000 cycles	15.34 lbs. per inch	5 lbs per inch
ASTMD5170	Peel Strength, 0 cycles	2.92 lbs per inch	0.5 lbs per inch
	Peel Strength, 1000 cycles	2.58 lbs per inch	0.5 lbs per inch
	Peel Strength, 3000 cycles	2.17 lbs per inch	0.5 lbs per inch
ASTMD2261	Stitch Tear	H=5.8 lbs, L= 9.4 lbs	H=3.5 lbs, L=6.0 lbs
AATCC 8	Crocking (colorfast)	H & L=5 Rating	H & L=4 Rating
AATCC 61	Laundering	H & L = 5 Rating	H & L = 4 Rating
AATCC 132	Dry Cleaning	H & L = 5 Rating	H & L = 3.5 Rating
AATMD1777	Shrinkage	H & L < 1.5%	H & L = 3%
AATCC 135	Fray Resistance	0.03125	0.03125

This data sheet is based previous testing and may vary according to dye lot and is not guaranteed by Suburban Mfg Inc or its distributor/seller.

It is recommended that the user/customer test the products according to the product and application it will be used on.

User/customer assumes all risk and responsibility for use of this product, per the application and use.