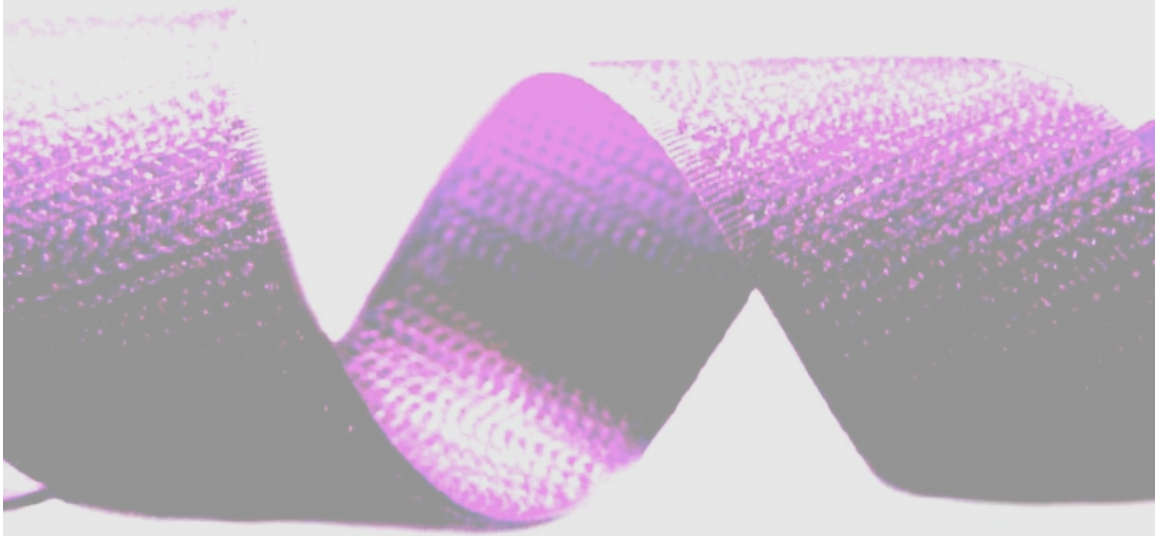


MJ May Series 12XX Fire Retardant Nylon Hook and Loop



MJ May maintains huge inventories of various hook and loop materials on spools as large as 700 yards each and we have the capability to cut and package to any requirement our customers may have. Whether you need the hook mated to the loop or packaged separately, we have the flexibility to get you exactly what you need. We can package your product in standard industrial packaging, small commercial spools, or in retail-ready blister packs. Whatever your project requires, MJ May has the know how to help you accomplish your goals.

MJ May Series 12XX Fire Retardant Nylon Hook and Loop

Our Series 12XX Fire Retardant Nylon Hook and Loop is a high quality domestically manufactured product that complies with the Oeko-Tex Standard and certifications include FAR 25.853(b). In collaboration with key players in the aircraft industry, MJ May's Series 12XX Fire Retardant Nylon Hook and Loop is used on many of the aircraft that we fly on everyday, in addition to several different defense applications. Available in several versions, our standard Series 12XX product is desirable due to its' resistance to fire, smoke density and toxicity. Also, it is lighter in weight than typical nylon hook and loop products due to a proprietary manufacturing process. It is also resistant to extreme temperatures.

Available from stock in either a plain-back (sew-on) version, or with an acrylic pressure sensitive adhesive, we maintain inventories of 5/8", 3/4", 1" and 2" wide versions of this material. This material is only available in beige.

Series 12XX Performance

Material Type	Description	Thickness	Temperature Range	Cycle Life	Peel Strength**	Shear Strength
Plain Back	Hook	.0625"	-20 to +200 F			
	Loop	.0625"	-20 to +200 F			
	Hook & Loop Mated	.125"	-20 to +200 F	10,000 (high)	1.4 PIW	5.93 PSI
Adhesive Back	Hook	.0625"	-20 to +200 F			
	Loop	.0625"	-20 to +200 F			
	Hook & Loop Mated	.125"	-20 to +200 F	10,000 (high)	.8 PIW	5.93 PSI
** - PIW is pounds per inch width (force required to peel hook and loop apart on a 1" wide strip).						

Fire Retardant Acrylic Adhesive

Acrylic pressure sensitive adhesive offers good shear strength, environmental resistance, and have good adhesion to most metal and medium/high surface energy plastics.

- Formulated for superior bond strength
- Moderate tack – medium set up
- Full bond strength in 24 hours
- Temperature operating range -10 to 130 F

Series 12XX Variations

In addition to the products listed above, MJ May also stocks several other variations of Series 12XX Fire Retardant Nylon Hook and Loop, including our 11XX Series of Ultra-High Temperature Fire Retardant Hook and Loop, which utilizes an acrylic adhesive that has a max temperature of +225 F and the Hook and Loop has a special coating that makes it virtually flame resistant at most temperatures up to +400 F. This product is available in 1" and 2" widths in white only, and is available for immediate shipment.

MJ May Material Specialists Inc.
113 West 154th Street
South Holland, IL 60473-1020

www.mjmay.com