



# Flexo Aramid

## Stronger than Steel, Soft & Pliable

FLEXO ARAMID (FA) is a soft, flexible sleeving that's perfect for bundling and protecting vulnerable components from the most extreme environmental conditions. Flexo Aramid is braided from aramid fibers and has all well-known characteristics of durability, pliability and extraordinary tensile strength. Flexo Aramid fibers are up to 20 times stronger than steel fibers of equal diameter.

FA has excellent thermal stability, permitting long-term, continuous use at temperatures as low as -274°F and as high as 320°F. Short term exposure up to 572°F can be tolerated. FA does not melt or support combustion. FA sleeving provides extreme strength and durability, yet is lightweight and easy to install.

- **Up to 20 Times Stronger Than Steel**
- **Will Not Melt, Burn or Support Combustion**
- **Stays Soft, Flexible & Pliable Throughout -274°F to 320°F Operating Temp. Range**

Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/4"	KVN0.25YL	1/8"	5/16"	500'	50'	Yellow (YL)	0.30
1/2"	KVN0.50YL	1/4"	5/8"	250'	50'	Yellow (YL)	0.74
3/4"	KVN0.75YL	1/2"	7/8"	250'	50'	Yellow (YL)	1.44
1"	KVN1.00YL	3/4"	1 1/4"	200'	25'	Yellow (YL)	1.92
1 1/4"	KVN1.25YL	1"	1 5/8"	125'	25'	Yellow (YL)	2.40
1 1/2"	KVN1.50YL	1 1/4"	2"	100'	25'	Yellow (YL)	2.90
2"	KVN2.00YL	1 3/4"	2 1/2"	100'	25'	Yellow (YL)	3.60



Premium Flexo Aramid Shears  
**KVS0.00SV**  
(See pg. 78)



# Vectran

## A Unique Combination of Properties for Demanding Applications

VECTRAN® (VE) is a high-performance multifilament yarn spun from liquid crystal polymer. Pound for pound Vectran fiber is five times stronger than steel and ten times stronger than aluminum, which makes it the material of choice in demanding applications where other fibers fail to meet performance requirements.

Our product also demonstrates minimal moisture absorption, outstanding cut and abrasion resistance, high dielectric strength, and melt temperature of 625°F.

Vectran sleeving is used in a wide range of applications, including aerospace, high tech research, industrial protection, marine and medical uses.



Vectran's molecular structure not only makes it one of the world's strongest materials but vectran is also invisible in MRI systems.

Nominal Size	Part #	Wall Thickness	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
			Min.	Max.	Bulk Spool	Shop Spool		
1/8"	VEN0.13NT	.025"	7/64"	9/64"	500	100	Natural (NT)	0.36
1/4"	VEN0.25NT	.025"	13/64"	19/64"	500	100	Natural (NT)	0.72

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