



Stronger Than Steel, Soft & Pliable

ARAMID FLEXO® KV (KVN) is a soft, flexible sleeving that's perfect for bundling and protecting vulnerable components from the most extreme environmental conditions. Aramid Flexo® KV is braided from aramid fibers and has durability, pliability, and extraordinary tensile strength. Aramid Flexo® KV fibers are up to 20 times stronger than steel fibers of equal diameter. KVN 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. KVN does not melt or support combustion. KVN 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**

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)	0.80
3/4"	KVN0.75YL	1/2"	7/8"	250'	50'	Yellow (YL)	1.20
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

*Please note that Aramid Flexo KV is degraded by ultraviolet light. Do not store in direct sunlight. Fluorescent lighting will cause discoloration, but will not affect fiber mechanical properties.



A Unique Combination Of Properties For Demanding Applications

VECTRAN® FIBER (VEN) 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® Fiber sleeving is used in a wide range of applications, including aerospace, high tech research, industrial protection, marine, and medical uses.

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



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



Vectran® is a registered trademark of the Kuraray Co., LTD.