



Kevlar

Stronger than Steel, Soft & Pliable

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


KV 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. KV does not melt or support combustion. KV sleeving provides extreme strength and durability, yet is lightweight and easy to install.

| 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 |

- **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**



Kevlar Shears
KVS0.00SV
(See pg. 73)

 Kevlar® is a registered trademark of the DuPont Corporation.

Vectran

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.

| 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.

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1-800-746-7655
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