



Secures Performance Of Sensitive Items In Challenging Environments

Similar to PPS, but with a substantially expanded operating temperature range, FLEXO PEEK® (PKN) (PolyEtherEther-Ketone) is a high performance advanced polymer with outstanding physical properties. PEEK® is inherently flame retardant, with a V-0 flammability rating, will withstand continuous use in superheated water or steam up to 500°F, and resists most acids, solvents, and bases.

Flexo PEEK® is FDA approved as a food contact product, resists damage from radiation, and will continue to perform in UHV (Ultra High Vacuum) environments. Flexo PEEK® is extensively used in the aerospace, automotive, teletronic, and chemical process industries, and is considered an advanced biomaterial used in medical implants and other biomedical applications. Flexo PEEK® will withstand thousands of sterilization cycles without damage or degradation.

Flexo PEEK® expandable sleeving is tightly braided from 10 mil filaments of pure, unfilled PEEK® polymer. The sleeving expands to fit over connectors and splices, and provides full coverage over wires hoses and cable bundles in advanced engineering applications.



- **High Chemical & Insoluble Resistance in Common Solvents**
- **Very Light Weight**
- **Excellent Strength in High Temperature & Harsh Environments**
- **Low Outgassing**
- **V-O Flammability Rating**
- **Non-Corrosive and Non-Conductive**



PEEK® is one of industry's most chemically resistant plastics making it perfect for many challenging environments.



Exceptional chemical resistance to organics, acids and bases.



Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/8"	PKN0.13BK	1/16"	5/16"	1,000'	225'	Black (BK)	0.16
1/4"	PKN0.25BK	7/64"	9/16"	1,000'	200'	Black (BK)	0.19
3/8"	PKN0.38BK	5/32"	5/8"	500'	125'	Black (BK)	0.31
1/2"	PKN0.50BK	3/16"	15/16"	500'	100'	Black (BK)	0.44
5/8"	PKN0.63BK	1/4"	1 1/4"	500'	100'	Black (BK)	0.51
3/4"	PKN0.75BK	3/8"	1 3/8"	250'	75'	Black (BK)	0.64

Contact your account representative for additional size information.



PEEK® is a registered trademark of the Victrex Corporation.

UL94 V-0



1-973-300-9242
www.techflex.com