

Flexo PPS

- FAR 25 Approved
- Ultra Light Weight
- Highly Abrasion Resistant
- Expands up to 150%
- Resists Acids, Bases, Solvents, and Fuels
- Temperature Range -94°F to 392°F
- Melt Temp. 545°F

Ultra Lightweight, High-Temp Tolerant and Virtually Impervious to Chemical Degradation

FLEXO PPS expandable sleeving is used in high temperature, flame resistant wire harnesses and cable assemblies. Flexo PPS is an extremely lightweight sleeving, resistant to high temperatures and virtually impervious to solvents. Flexo PPS is ideal for aerospace, telecom and military applications and meets many engineering goals including; chemical resistance, high temperature stability, zero moisture absorption, excellent dimensional stability and ultra-low wear.

Flexo PPS is braided from 8 mil flame resistant PolyPhenylene Sulfide (PPS) monofilament fibers. PPS offers the broadest resistance to chemicals of any advanced engineering plastic. The material resists all known solvents below 392°F and is inert to steam, strong bases, fuels and acids.



A true aerospace material, Flexo PPS is ideal in satellite applications where weight and stability are of primary importance.



Flame resistance, strength and low weight make Flexo PPS sleeving the first choice in high-tech aeronautic design specifications.



Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/8"	RYN0.13	3/32"	1/4"	1,000'	225'	NT & BK	0.21
1/4"	RYN0.25	1/8"	3/8"	1,000'	200'	NT & BK	0.36
1/2"	RYN0.50	1/4"	3/4"	500'	100'	NT & BK	0.59
3/4"	RYN0.75	1/2"	1 1/4"	250'	75'	NT & BK	0.75
1 1/4"	RYN1.25	3/4"	1 3/4"	250'	50'	NT & BK	1.30
1 3/4"	RYN1.75	1 1/4"	2 1/2"	200'	50'	NT & BK	1.60
2"	RYN2.00	1 5/16"	2 3/8"	200'	50'	NT & BK	2.00

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www.techflex.com



UL94 V-0 FAR-25

