



- FAR 25 Approved
- Ultra Light Weight
- Highly Wear Resistant
- Expands up to 150%
- Resists Acids, Bases, Solvents, Fuels
- Temp Range -70°C to 200°C
- Melt Temp 285°C



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



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



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



RYTON® (RY) expandable sleeving is used in high temperature, flame resistant wire harnesses and cable assemblies. RY is an extremely lightweight sleeving, resistant to high temperatures and virtually impervious to solvents. RY 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.

RY 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 (200°C) and is inert to steam, strong bases, fuels and acids.



| Nominal Size | Part #  | Expansion Range |        | Standard Spool Put-Ups |            | Available Colors  | Lbs/100' |
|--------------|---------|-----------------|--------|------------------------|------------|-------------------|----------|
|              |         | Min.            | Max.   | Bulk Spool             | Mini Spool |                   |          |
| 1/8"         | RYN0.13 | 3/32"           | 1/4"   | 1,000'                 | 225'       | 2 in-stock colors | .21      |
| 1/4"         | RYN0.25 | 1/8"            | 3/8"   | 1,000'                 | 200'       | 2 in-stock colors | .36      |
| 1/2"         | RYN0.50 | 1/4"            | 3/4"   | 500'                   | 100'       | 2 in-stock colors | .59      |
| 3/4"         | RYN0.75 | 1/2"            | 1 1/4" | 250'                   | 75'        | 2 in-stock colors | .75      |
| 1 1/4"       | RYN1.25 | 3/4"            | 1 3/4" | 250'                   | 50'        | 2 in-stock colors | 1.3      |
| 1 3/4"       | RYN1.75 | 1 1/4"          | 2 1/2" | 200'                   | 50'        | 2 in-stock colors | 1.6      |

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