

PVC Coated Yarns

Nominal Specifications

EY PART NUMBER: VN 4000S
 DESCRIPTION: .040" HIGH PERFORMANCE PVC BRAID YARN

PHYSICAL PROPERTIES:

| | <u>VALUE</u> | <u>TEST METHODS</u> |
|-------------------------|------------------------------|-------------------------|
| Diameter, in.: | 0.040" (1.02 mm) | E.Y.T.M. 6.3.11 |
| Tensile Strength, lbs.: | 22.0 (9.97 kg.) | E.Y.T.M. 6.3.5 |
| Elongation Percent: | 16.0 | E.Y.T.M. 6.3.5 |
| Yield, Yds./lb.: | 550 (1,100 m/kg.) | E.Y.T.M. 6.3.2 |
| UV Resistance: | Pass | UL – 1581 720h Sunlight |
| Core Type: | Nylon | |
| Coating Type: | PVC (Vinyl) High Performance | |

THERMAL PROPERTIES:

| | | |
|--------------------------|---------------|--|
| Cold Flex Tolerance: | -65°F (-54°C) | UL – 1581 Cold Bend |
| Maximum Service Temp.: | 280°F (138°C) | 168 Hours Continuous Exposure |
| Brittleness Temperature: | 5°F (-15°C) | A.S.T.M. D - 746 |
| Flame Resistance: | Pass | MVSS 302, SAEJ369, & UL94 VO @ 125 mils. |

All PVC coated harness yarns are RoHS & ELV Compliant and withstand exposure to Diesel Emissions Fluid AUS32.

This information is preliminary data in good faith, no warranty is implied. Please contact EY Technologies Technical Service Group if additional information is required.