

## PVC Coated Yarns

### Nominal Specifications

EY PART NUMBER: VN 4400S  
 DESCRIPTION: .028" HIGH PERFORMANCE PVC BRAID YARN

#### PHYSICAL PROPERTIES:

	<u>VALUE</u>	<u>TEST METHODS</u>
Diameter, in.:	0.028" (0.71 mm)	E.Y.T.M. 6.3.11
Tensile Strength, lbs.:	15.0 (6.80 kg.)	E.Y.T.M. 6.3.5
Elongation Percent:	16.0	E.Y.T.M. 6.3.5
Yield, Yds./lb.:	1,000 (2,000 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.*