

ArmorLite™ and conventional-duty expandable sleeving for EMI/RFI EWIS applications

Principal Selection Criteria	ARMORLITE Weight Reduction with Optimized Strength and Temperature Tolerance			AmberStrand® Weight Reduction		General-Duty				High Temperature plus Corrosion Resistance
	Braid Part Number and Material Construction	 <b>103-051</b> Microfilament ArmorLite™ 100% SS Nickel Plated	 <b>103-052</b> Microfilament ArmorLite™ 75% SS/25% NiCu	 <b>103-071</b> Microfilament ArmorLite™ 50% SS/50% NiCu	 <b>103-026</b> Microfilament AmberStrand® 100% Nickel Plated	 <b>103-027</b> Microfilament AmberStrand® 75% / 25% NiCu	 <b>100-001</b> Soft Drawn Tin Plated Copper	 <b>100-002</b> Soft Drawn Silver Plated Copper	 <b>100-003</b> Soft Drawn Nickel Plated Copper	 <b>100-005</b> Soft Drawn Tin Plated Copper-Clad Steel
RoHS Materials										
EMI Frequency Effectiveness Range	10 KHz to 1 GHz+	10 KHz to 1 GHz+	10 KHz to 1 GHz+	10 KHz to 1 GHz+	10 KHz to 1 GHz+	10 KHz to 1 GHz+	10 KHz to 1 GHz+	10 KHz to 1 GHz+	Good (H Field) Poor (E Field)	Good (H Field) Poor (E Field)
Temperature Range	+260°C	+200°C	+200°C	+220°C	+200°C	+150°	+200°	+200°	+175°	+260°
Pull Strength*	150 Lbs. minimum	125 Lbs. minimum	125 Lbs. minimum	150 Lbs. minimum	125 Lbs. minimum	125 Lbs.	125 Lbs.	125 Lbs.	175 Lbs.	225 Lbs.
Corrosion Resistance Rating	500 Hours Salt Spray	500 Hours Salt Spray	500 Hours Salt Spray	500 Hours Salt Spray	500 Hours Salt Spray	48 Hours Salt Spray	48 Hours Salt Spray	500 Hours Salt Spray	96 Hours Salt Spray	1000 Hours Salt Spray
Abrasion Resistance	Good	Good	Good	Good	Good	Good	Fair	Good	Good	Very Good
Material Specification	ASTM A580	ASTM A580/ ASTM B355	ASTM A580/ ASTM B355	ZYLON AS	ZYLON AS ASTM B355	ASTM B33	ASTM B298	ASTM B355	ASTM B520	QQ-W-423/ ASTM A580

\* Values are based on .500 Dia. Braid