

Performance Data – CableGuide™ SC

Property of the Cells	Test	Result
Operating Temperature		125°C
Low Temperature Flexibility	MIL-DTL-23053E	-70°C
Pull Line Duct Cutting	Bellcore GR-356	Passed
Tensile strength @ break	ASTM D5035	595 lb _f /in.
Elongation Under 400 lb _f load Under 500 lb _f load	ASTM D5035	5.9% 7.8%
Fungi Resistance	ASTM G21	No growth detected
Melting Point	ASTM D3418	250°C
Fluid Resistance	MIL-DTL-23053E	
5% Salt Water Acid Rain (H ₂ SO ₄ pH4) Motor Oil Diesel Fuel Mud Water ASTM Reference Fuel B (Gasoline) Antifreeze Power Steering Fluid Windshield Washer Fluid Transmission Fluid		Retain >90% Initial Tensile Strength Retain >90% Initial Tensile Strength Retain >70% Initial Tensile Strength Retain >90% Initial Tensile Strength Retain >90% Initial Tensile Strength Retain >90% Initial Tensile Strength Retain >80% Initial Tensile Strength Retain >70% Initial Tensile Strength Retain >80% Initial Tensile Strength Retain >80% Initial Tensile Strength
Property of Pulling Tapes	Test	Result
1250	Strength Width	1250 lbs / 568 Kg ½"
1800	Strength Width	1800 lbs / 818 Kg ⅝"

Product Specifications

Description	Sizes	Part Number
CableGuide Single Cell	½" ¾" 1" 1-1/4" 1-1/2"	59110013XXS 59110019XXS 59110025XXS 59110032XXS 59110038XXS
CableGuide 3-cell grommated assembly	3 x ½" 3 x ¾" 3 x 1" 3 x 1-1/4" 3 x 1-1/2"	59130013XXS 59130019XXS 59130025XXS 59130032XXS 59130038XXS

Availability

CableGuide SC is available in different widths with various colored tracers for easy identification. Please contact the factory for packaging information.

All numeric data shows average or typical values.

Detectable Wire Data

Size: 24 AWG

Running resistance: 0.091 ohm/m

Outer diameter: 0.95mm, nominal

Tensile Strength: 37,000 psi