



Toneable ConQuest® Empty Conduit, 3/4 in, SDR 11, gray, with pull line

Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Gray
Conductor Elongation, maximum	30 %
Conductor Type	Solid
Conduit Type	Toneable
Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm ³ 0.035 lb/in ³
Density, minimum	0.941 g/cm ³ 0.034 lb/in ³
Design Standard	ASTM D3350-05
Wall Type	Smooth

Dimensions

Length	304.8 m 1000 ft
Conductor Diameter	1.024 mm 0.04 in
Inner Diameter, nominal	21.336 mm 0.84 in
Outer Diameter, nominal	26.67 mm 1.05 in
Wall Thickness Designation	SDR 11
Wall Thickness, minimum	2.413 mm 0.095 in
Nominal Size	3/4 in
Conductor Gauge	18 AWG

Electrical Specifications

Conductor Resistance	98.425 ohms/km 30 ohms/kft
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Material Specifications

Conductor Material Type	Copper-clad steel (CCS)
Flexural Modulus, minimum	551.581 N/mm ² 80000 psi
Flexural Property Test Method	ASTM D790
Hydrostatic Design Basis	Not pressure rated
Hydrostatic Design Test Method	ASTM D2837
Material Type	High density polyethylene (HDPE) Polypropylene
Melt Flow Rate Test Method	ASTM D1238
Melt Flow Rate, maximum	0.39 g/10 min

Mechanical Specifications

Minimum Bend Radius, unsupported	304.8 mm 12 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm ² 3000 psi
Breaking Strength	90.718 kg 200 lb
Conductor Tensile Strength, minimum	344.738 N/mm ² 50000 psi
Pull Line Type	Rope
Pulling Tension Note	Applies to products manufactured after December 31, 2012
Pulling Tension, maximum	274.423 kg 605 lb

Environmental Specifications

Environmental Stress Crack Resistance	Failure rate of 10% within 96 hours
Environmental Stress Test Method	ASTM D1693, ESCR Condition B

Packaging and Weights

Weight, net	193.461 kg/km 130 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

* Footnotes

Environmental Stress Crack Resistance ESCR—Environmental Stress Crack Resistance