3499105 | 150T(TD)135WP1250TAPE

Toneable ConQuest® Empty Conduit, 1 1/2 in, SDR 13.5, terracotta, with pull tape

Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Terracotta
Conductor Elongation, maximum	30 %
Conductor Type	Solid
Conduit Type	Toneable
Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm³ | 0.035 lb/in³
Density, minimum	0.941 g/cm³ | 0.034 lb/in³
Design Standard	ASTM D3350-05
Wall Type	Smooth

Dimensions

Length	914.4 m | 3000 ft
Conductor Diameter	1.024 mm | 0.04 in
Inner Diameter, nominal	40.589 mm | 1.598 in
Outer Diameter, nominal	48.26 mm | 1.9 in
Wall Thickness Designation	SDR 13.5
Wall Thickness, minimum	3.581 mm | 0.141 in
Nominal Size	1-1/2 in
Conductor Gauge	18 AWG

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Electrical Specifications

Conductor Resistance	98.425 ohms/km | 30 ohms/kft

Material Specifications

Conductor Material Type	Copper-clad steel (CCS)
Flexural Modulus, minimum	551.581 N/mm² | 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) | Polyester
Melt Flow Rate Test Method	ASTM D1238
Melt Flow Rate, maximum	0.39 g/10 min

Mechanical Specifications

Minimum Bend Radius, unsupported	508 mm | 20 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm² | 3000 psi
Breaking Strength	566.99 kg | 1250 lb
Conductor Tensile Strength, minimum	344.738 N/mm² | 50000 psi
Pull Line Type	Tape
Pulling Tension Note	Applies to products manufactured after December 31, 2012
Pulling Tension, maximum	659.977 kg | 1455 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	511.928 kg/km | 344 lb/kft

Regulatory Compliance/Certifications

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

ISO 9001:2015

* Footnotes

Environmental Stress Crack Resistance ESCR—Environmental Stress Crack Resistence