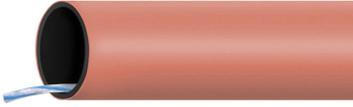# CX3499998 | 150T135PP200ROPE COEX

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

Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Terracotta
Conduit Type	Non-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
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

Material Specifications

Flexural Modulus, minimum	551.581 N/mm²	80000 psi
Flexural Property Test Method	ASTM D790
Hydrostatic Design Basis	Not pressure rated

COMMSCOPE®

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	508 mm | 20 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm² | 3000 psi
Breaking Strength	90.718 kg | 200 lb
Pull Line Type	Rope
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

* Footnotes

Environmental Stress Crack Resistance   ESCR—Environmental Stress Crack Resistence

COMMSCOPE®