

CX3499670 | 1500135 RIB WP1250TAPE 3.5K' COEX

ConQuest® Empty Conduit, 1 1/2 in, SDR 13.5, ribbed, orange, with pull tape



Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Orange
Conduit Type	Non-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	Ribbed

Dimensions

Length	1,066.8 m 3500 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/mm ² 80000 psi
Flexural Property Test Method	ASTM D790
Hydrostatic Design Basis	Not pressure rated
Hydrostatic Design Test Method	ASTM D2837

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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/mm ² 3000 psi
Breaking Strength	566.99 kg 1250 lb
Pull Line Type	Tape
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
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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—e Environmental Stress Crack Resistance