

CX3399814 | 1250135 EMPTY DUCT COEX



ConQuest® Empty Conduit, 1 1/4 in, SDR 13.5, orange

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	Smooth

Dimensions

Length	914.4 m 3000 ft
Inner Diameter, nominal	35.408 mm 1.394 in
Outer Diameter, nominal	42.164 mm 1.66 in
Wall Thickness Designation	SDR 13.5
Wall Thickness, minimum	3.124 mm 0.123 in
Nominal Size	1-1/4 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
Material Type	High density polyethylene (HDPE)
Melt Flow Rate Test Method	ASTM D1238

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Melt Flow Rate, maximum 0.39 g/10 min

Mechanical Specifications

Minimum Bend Radius, unsupported 457.2 mm | 18 in

Tensile Property Test Method ASTM D638

Tensile Strength at yield, minimum 20.684 N/mm² | 3000 psi

Pulling Tension, maximum 571.526 kg | 1260 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 394.363 kg/km | 265 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 Resistance