



ConQuest® Empty Conduit, 2 in, SDR 11, yellow with red tracer

Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Yellow
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	762 m 2500 ft
Inner Diameter, nominal	48.692 mm 1.917 in
Outer Diameter, nominal	60.325 mm 2.375 in
Wall Thickness Designation	SDR 11
Wall Thickness, minimum	5.486 mm 0.216 in
Nominal Size	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
Hydrostatic Design Test Method	ASTM D2837
Material Type	High density polyethylene (HDPE) Polyester
Melt Flow Rate Test Method	ASTM D1238

CX3799852 | 200Y110TRWP1800TAPE COEX

Melt Flow Rate, maximum	0.39 g/10 min
Mechanical Specifications	
Minimum Bend Radius, unsupported	660.4 mm 26 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm ² 3000 psi
Breaking Strength	816.466 kg 1800 lb
Pull Line Type	Tape
Pulling Tension, maximum	1,408.404 kg 3105 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	952.425 kg/km 640 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
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