

Broadband Solutions

CX3299705 | 1000040WP1100TAPE COEX

ConQuest® Empty Conduit, 1 in, SCH 40, orange, with pull tape

Dimensions

Nominal Size	1 in
Wall Thickness Designation	SCH 40
Inner Diameter, nominal	26.137 mm 1.029 in
Length	914.40 m 3000.00 ft
Outer Diameter, nominal	33.401 mm 1.315 in
Wall Thickness, minimum	3.378 mm 0.133 in
Weight	219.0 lb/kft

General Specifications

Color	Orange
Conduit Type	Non-toneable
Wall Type	Smooth
Brand	ConQuest®
Warranty	One year

Material Specifications

Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm ³
Density, minimum	0.941 g/cm ³
Design Standard	ASTM D3350-05
Environmental Stress Crack Resistance	Failure rate of 10% within 96 hours
Environmental Stress Test Method	ASTM D1693, ESCR Condition B
Flexural Modulus, minimum	552 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
Melt Flow Rate, maximum	0.39 g/10 min
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	21 N/mm ² 3000 psi

Mechanical Specifications

Minimum Bend Radius, unsupported	355.6 mm 14.0 in
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Product Specifications



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Pulling Tension, maximum 476.3 kg | 1050.0 lb

Pull Line Specifications

Breaking Strength 499.0 kg | 1100.0 lb
Material Type Polyester
Pull Line Type Tape

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

* Footnotes

Environmental Stress Crack Resistance ESCR—Environmental Stress Crack Resistance