

ConQuest® Empty Conduit, 3/4 in, SDR 13.5, gray, with pull rope



Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Gray
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	304.8 m   1000 ft
Inner Diameter, nominal	22.2 mm   0.874 in
Outer Diameter, nominal	26.67 mm   1.05 in
Wall Thickness Designation	SDR 13.5
Wall Thickness, minimum	1.981 mm   0.078 in
Nominal Size	3/4 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

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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	304.8 mm   12 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm <sup>2</sup>   3000 psi
Breaking Strength	90.718 kg   200 lb
Pull Line Type	Rope
Pulling Tension, maximum	229.064 kg   505 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	165.186 kg/km   111 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