



ConQuest® Empty Conduit, 3 in, SDR 13.5, black

Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Black
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	304.8 m 1000 ft
Inner Diameter, nominal	74.981 mm 2.952 in
Outer Diameter, nominal	88.9 mm 3.5 in
Wall Thickness Designation	SDR 13.5
Wall Thickness, minimum	6.579 mm 0.259 in
Nominal Size	3 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) Polyester
Melt Flow Rate Test Method	ASTM D1238

CX3899987 | 300B135WP1800TAPE COEX

Melt Flow Rate, maximum 0.39 g/10 min

Mechanical Specifications

Minimum Bend Radius, unsupported 1,219.2 mm | 48 in

Tensile Property Test Method ASTM D638

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

Breaking Strength 816.466 kg | 1800 lb

Pull Line Type Tape

Pulling Tension, maximum 2,535.581 kg | 5590 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 1,717.341 kg/km | 1154 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