



ConQuest® Empty Conduit, 10 mm OD, 8 mm ID, 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/cm³   0.035 lb/in³
Density, minimum	0.941 g/cm³   0.034 lb/in³
Design Standard	ASTM D3350-05
Wall Type	Smooth

Dimensions

Inner Diameter, nominal	7.976 mm   0.314 in
Outer Diameter, nominal	10.008 mm   0.394 in
Wall Thickness, minimum	0.838 mm   0.033 in
Nominal Size	10 mm

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)
Melt Flow Rate Test Method	ASTM D1238
Melt Flow Rate, maximum	0.39 g/10 min

# 360000001 | 10/8MB DUCT EMPTY

## Mechanical Specifications

Minimum Bend Radius, unsupported	101.6 mm   4 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm <sup>2</sup>   3000 psi
Pulling Tension, maximum	54.431 kg   120 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	28.275 kg/km   19 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