

359998400 | 16MT DUCT EMPTY

ConQuest® Empty Conduit, 16 mm, SDR 11, terracotta



Product Classification

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|----------------------|---------------|
| Product Type | Empty conduit |
| Product Brand | ConQuest® |

General Specifications

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| Color | Terracotta |
| 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

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|-----------------------------------|----------------------|
| Inner Diameter, nominal | 12.725 mm 0.501 in |
| Outer Diameter, nominal | 15.875 mm 0.625 in |
| Wall Thickness Designation | SDR 11 |
| Wall Thickness, minimum | 1.397 mm 0.055 in |
| Nominal Size | 16 mm |

Material Specifications

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|---------------------------------------|---------------------------------------|
| 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 |

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|-----------------------------------|----------------------------------|
| Material Type | High density polyethylene (HDPE) |
| Melt Flow Rate Test Method | ASTM D1238 |
| Melt Flow Rate, maximum | 0.39 g/10 min |

Mechanical Specifications

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|---|-------------------------------------|
| Minimum Bend Radius, unsupported | 203.2 mm 8 in |
| Tensile Property Test Method | ASTM D638 |
| Tensile Strength at yield, minimum | 20.684 N/mm ² 3000 psi |
| Pulling Tension, maximum | 95.254 kg 210 lb |

Environmental Specifications

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|--|-------------------------------------|
| Environmental Stress Crack Resistance | Failure rate of 10% within 96 hours |
| Environmental Stress Test Method | ASTM D1693, ESCR Condition B |

Packaging and Weights

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|--------------------|--------------------------|
| Weight, net | 68.456 kg/km 46 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