

CX3399693 | 1250135 RIB WP1250TAPE COEX



ConQuest® Empty Conduit, 1 1/4 in, SDR 13.5, ribbed, orange, with pull tape

Product Classification

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

General Specifications

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| Color | Orange |
| 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 | Ribbed |

Dimensions

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|----------------------------|----------------------|
| Length | 914.4 m 3000 ft |
| Inner Diameter, nominal | 35.408 mm 1.394 in |
| Outer Diameter, nominal | 42.164 mm 1.66 in |
| Wall Thickness Designation | SDR 13.5 |
| Wall Thickness, minimum | 3.124 mm 0.123 in |
| Nominal Size | 1-1/4 in |

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) Polyester |
| 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 | 457.2 mm 18 in |
| Tensile Property Test Method | ASTM D638 |
| Tensile Strength at yield, minimum | 20.684 N/mm ² 3000 psi |
| Breaking Strength | 566.99 kg 1250 lb |
| Pull Line Type | Tape |
| Pulling Tension, maximum | 571.526 kg 1260 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 | 394.363 kg/km 265 lb/kft |
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Regulatory Compliance/Certifications

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