# CX3399736 | 1250110WP1250TAPE COEX



#### ConQuest® Empty Conduit, 1 1/4 in, SDR 11, orange, with pull tape

| Product Classification         |  |
|--------------------------------|--|
| Product Type                   | Empty conduit                                |
| Product Brand                  | ConQuest®                                    |
| General Specifications         |  |
| Color                          | Orange                                       |
| 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                         | 914.4 m   3000 ft                            |
| Inner Diameter, nominal        | 33.985 mm   1.338 in                         |
| Outer Diameter, nominal        | 42.164 mm   1.66 in                          |
| Wall Thickness Designation     | SDR 11                                       |
| Wall Thickness, minimum        | 3.835 mm   0.151 in                          |
| Nominal Size                   | 1-1/4 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                                   |
| Material Type                  | High density polyethylene (HDPE)   Polyester |
| Melt Flow Rate Test Method     | ASTM D1238                                   |
|                                |  |

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| Melt Flow Rate, maximum            | 0.39 g/10 min                       |
|------------------------------------|-------------------------------------|
| Mechanical Specifications          |                                     |
| Minimum Bend Radius, unsupported   | 457.2 mm   18 in                    |
| Tensile Property Test Method       | ASTM D638                           |
| Tensile Strength at yield, minimum | 20.684 N/mm <sup>2</sup>   3000 psi |
| Breaking Strength                  | 566.99 kg   1250 lb                 |
| Pull Line Type                     | Таре                                |
| Pulling Tension, maximum           | 689.46 kg   1520 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

476.212 kg/km | 320 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 Resistence

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