## CX3799921 | 200T110 EMPTY DUCT COEX



## ConQuest® Empty Conduit, 2 in, SDR 11, terracotta

| Product Classification         |                                  |
|--------------------------------|----------------------------------|
| Product Type                   | Empty conduit                    |
| Product Brand                  | ConQuest®                        |
| General Specifications         |                                  |
| Color                          | Terracotta                       |
| 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                         | 762 m   2500 ft                  |
| Inner Diameter, nominal        | 48.692 mm   1.917 in             |
| Outer Diameter, nominal        | 60.325 mm   2.375 in             |
| Wall Thickness Designation     | SDR 11                           |
| Wall Thickness, minimum        | 5.486 mm   0.216 in              |
| Nominal Size                   | 2 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) |
| Melt Flow Rate Test Method     | ASTM D1238                       |
|                                |                                  |

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| Melt Flow Rate, maximum              |                | 0.39 g/10 min                       |
|--------------------------------------|----------------|-------------------------------------|
| Mechanical Speci                     | fications      |                                     |
| Minimum Bend Radius, un              | supported      | 660.4 mm   26 in                    |
| Tensile Property Test Met            | hod            | ASTM D638                           |
| Tensile Strength at yield, n         | ninimum        | 20.684 N/mm <sup>2</sup>   3000 psi |
| Pulling Tension, maximum             | I              | 1,408.404 kg   3105 lb              |
|                                      |                |                                     |
| Environmental Sp                     | pecifications  |                                     |
| Environmental Stress Crac            | k Resistance   | Failure rate of 10% within 96 hours |
| Environmental Stress Test            | Method         | ASTM D1693, ESCR Condition B        |
| Packaging and W                      | /eights        |                                     |
| Weight, net                          |                | 952.425 kg/km   640 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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