

# CX3799956 | 200T110WP1800TAPE COEX

ConQuest® Empty Conduit, 2 in, SDR 11, terracotta, with pull tape



## Product Classification

|                      |               |
|----------------------|---------------|
| <b>Product Type</b>  | Empty conduit |
| <b>Product Brand</b> | ConQuest®     |

## General Specifications

|                            |  |
|----------------------------|--|
| <b>Color</b>               | Terracotta   |
| <b>Conduit Type</b>        | Non-toneable                                       |
| <b>Density Test Method</b> | ASTM D792A   |
| <b>Density, maximum</b>    | 0.955 g/cm <sup>3</sup>   0.035 lb/in <sup>3</sup> |
| <b>Density, minimum</b>    | 0.941 g/cm <sup>3</sup>   0.034 lb/in <sup>3</sup> |
| <b>Design Standard</b>     | ASTM D3350-05                                      |
| <b>Wall Type</b>           | Smooth   |

## Dimensions

|                                   |                      |
|-----------------------------------|----------------------|
| <b>Length</b>                     | 762 m   2500 ft      |
| <b>Inner Diameter, nominal</b>    | 48.692 mm   1.917 in |
| <b>Outer Diameter, nominal</b>    | 60.325 mm   2.375 in |
| <b>Wall Thickness Designation</b> | SDR 11               |
| <b>Wall Thickness, minimum</b>    | 5.486 mm   0.216 in  |
| <b>Nominal Size</b>               | 2 in                 |

## Material Specifications

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Flexural Modulus, minimum</b>     | 551.581 N/mm <sup>2</sup>   80000 psi |
| <b>Flexural Property Test Method</b> | ASTM D790                             |
| <b>Hydrostatic Design Basis</b>      | Not pressure rated                    |

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|                                       |  |
|---------------------------------------|--|
| <b>Hydrostatic Design Test Method</b> | ASTM D2837                                   |
| <b>Material Type</b>                  | High density polyethylene (HDPE)   Polyester |
| <b>Melt Flow Rate Test Method</b>     | ASTM D1238                                   |
| <b>Melt Flow Rate, maximum</b>        | 0.39 g/10 min                                |

## Mechanical Specifications

|   |                                     |
|---|-------------------------------------|
| <b>Minimum Bend Radius, unsupported</b>   | 660.4 mm   26 in                    |
| <b>Tensile Property Test Method</b>       | ASTM D638                           |
| <b>Tensile Strength at yield, minimum</b> | 20.684 N/mm <sup>2</sup>   3000 psi |
| <b>Breaking Strength</b>                  | 816.466 kg   1800 lb                |
| <b>Pull Line Type</b>                     | Tape                                |
| <b>Pulling Tension, maximum</b>           | 1,408.404 kg   3105 lb              |

## Environmental Specifications

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

## Packaging and Weights

|                    |                            |
|--------------------|----------------------------|
| <b>Weight, net</b> | 952.425 kg/km   640 lb/kft |
|--------------------|----------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |



## \* Footnotes

**Environmental Stress Crack Resistance** ESCR—Environmental Stress Crack Resistance