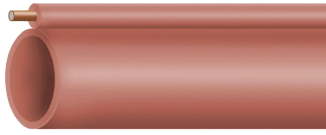


Toneable ConQuest® Empty Conduit, 1 1/4 in, SDR 13.5, terracotta



## Product Classification

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

## Dimensions

<b>Nominal Size</b>	1-1/4 in
<b>Wall Thickness Designation</b>	SDR 13.5
<b>Inner Diameter, nominal</b>	35.408 mm   1.394 in
<b>Length</b>	3000.00 ft
<b>Outer Diameter, nominal</b>	42.164 mm   1.660 in
<b>Wall Thickness, minimum</b>	3.124 mm   0.123 in
<b>Weight</b>	265.0 lb/kft

## General Specifications

<b>Color</b>	Terracotta
<b>Conduit Type</b>	Toneable
<b>Wall Type</b>	Smooth
<b>Warranty</b>	One year

## Material Specifications

<b>Density Test Method</b>	ASTM D792A
<b>Density, maximum</b>	0.955 g/cm <sup>3</sup>
<b>Density, minimum</b>	0.941 g/cm <sup>3</sup>
<b>Design Standard</b>	ASTM D3350-05
<b>Environmental Stress Crack Resistance</b>	Failure rate of 10% within 96 hours
<b>Environmental Stress Test Method</b>	ASTM D1693, ESCR Condition B
<b>Flexural Modulus, minimum</b>	552 N/mm <sup>2</sup>   80000 psi
<b>Flexural Property Test Method</b>	ASTM D790
<b>Hydrostatic Design Basis</b>	Not pressure rated

<b>Hydrostatic Design Test Method</b>	ASTM D2837
<b>Material Type</b>	High density polyethylene (HDPE)
<b>Melt Flow Rate Test Method</b>	ASTM D1238
<b>Melt Flow Rate, maximum</b>	0.39 g/10 min
<b>Tensile Property Test Method</b>	ASTM D638
<b>Tensile Strength at yield, minimum</b>	21 N/mm <sup>2</sup>   3000 psi

## Mechanical Specifications

<b>Minimum Bend Radius, unsupported</b>	457.2 mm   18.0 in
<b>Pulling Tension, maximum</b>	571.5 kg   1260.0 lb
<b>Pulling Tension Note</b>	Applies to products manufactured after December 31, 2012

## Tone Wire Specifications

<b>Conductor Diameter</b>	1.0236 mm   0.0403 in
<b>Conductor Elongation, maximum</b>	30 %
<b>Conductor Gauge</b>	18 AWG
<b>Conductor Material Type</b>	Copper-clad steel (CCS)
<b>Conductor Resistance</b>	30.0 ohms/kft
<b>Conductor Tensile Strength, minimum</b>	345 N/mm <sup>2</sup>   50000 psi
<b>Conductor Type</b>	Solid

## 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