

Ultra-Rib-Style Access Risers

Applications

Ultra-Rib-Style Access Risers sold by Orenco provide access to septic tank openings and can be cast into the tops of concrete tanks, bonded in place, or bolted down using a riser-to-tank adapter. They can also be used as valve enclosures.

For safety, Orenco recommends every riser be equipped with an Orenco Tank Shield™ secondary safety barrier. See [Orenco Tank Shield Technical Data Sheet, NTD-GOP-RSG-1](#).

General

Ultra-Rib-Style Access Risers are constructed of ribbed PVC pipe and are available in 12in (300mm), 18in (450mm), and 24in (600mm) diameters. They can be ordered in 3in (76mm) increments in lengths up to 13ft (3.96m) for 18in (450mm) diameter risers, and up to 14ft (4.27m) for 24in (600mm) diameter risers. Ultra-Rib-Style Riser Pipe is also available in truckload quantities. A complete line of Orenco pipe-cutting tools makes it easy to fabricate risers in your shop or in the field.



Materials of Construction

Ultra-rib-style pipe PVC

Standard Models

RR12XX, RU18XX, RR24XX

Product Code Diagram



Orenco Tank Shield™ brackets:
Blank = No brackets
TSB = Brackets

Discharge assembly or grommet option:
Blank = No discharge grommet
HD = Predrilled for HDA125 (hole only)
HDS = Simplex HDA plate installed
HDSL = Simplex HDA plate w/line check installed
10 = 1in (25mm)
12 = 1 1/4in (32mm)
15 = 1 1/2in (38mm)
20 = 2in (51mm)

Connector/splice box option:
Blank = No grommet or splice box
CLK = Predrilled for ClickTight™
S = 1in (25mm) grommet installed
L = 1 1/4in (32mm) grommet installed
SX = Preinstalled hub for external splice box, minimum riser height 18in (457mm)
S1 = SB1 attached
S2 = SB2 attached
S3 = SB3 attached
S4 = SB4 attached
L5 = SB5 attached
L6 = SB6 attached
XS = Explosion-proof splice box for simplex pumps
XD = Explosion-proof splice box for duplex pumps
XT = Explosion-proof splice box for triplex pumps (Explosion-proof splice boxes are used in Class I Division 1 environments)

Riser height, 3in (76mm) increments standard

Riser diameter:
12 = 12in (300mm)
18 = 18in (450mm)
24 = 24in (600mm)

Riser type:
R = 12in (300mm) and 24in (600mm) diameters
U = 18in (450mm) diameter
PU = Bulk ultra-rib-style pipe, 18in (450mm) and 24in (600mm) diameters

Riser, ultra-rib-style

Not all product code configurations may be available as standard products.

Specifications

Model	RR12XX	RU18XX	RR24XX
Inner diameter, in (mm)	11.74 (298)	17.65 (448)	23.50 (597)
Wall thickness, excluding ribs, in (mm)	0.10 (3)	0.19 (5)	0.25 (6)
Outer diameter, including ribs, in (mm)	13.13 (334)	19.44 (494)	25.63 (651)
Weight, lbs/ft (kg/m)	5 (7.4)	11 (16.4)	19 (28.3)