

Engineering Specification

Job Name _____
 Orion Representative _____
 Quantity Required _____

Contractor Signature _____
 Approval Date _____
 Contractor's P.O. No. _____

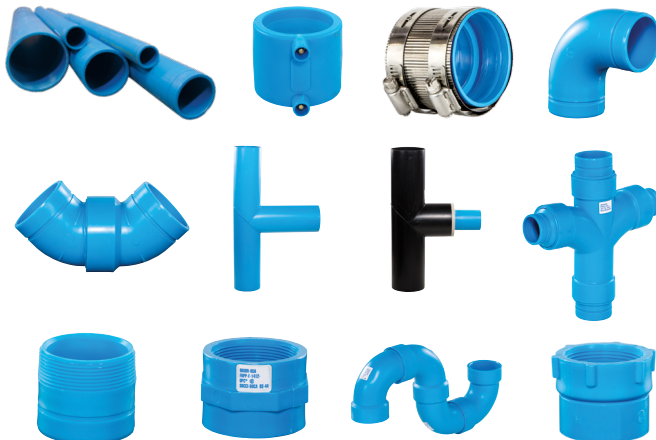
Blueline™ PP Piping Systems

No Hub & Rionfuse PP Sch 40

Specification

Orion Blueline FRPP chemical waste piping systems will be manufactured to the dimensions and tolerances of ASTM F1412 from fire retardant material in 10 ft lengths. Pipe will be cylindrical, straight and supplied with factory grooves. The polypropylene material will conform to ASTM D4101. Fittings will be manufactured to schedule 40 dimensions per ASTM F1412 and will be made of fire retardant polypropylene. Fitting layouts will conform to ASTM D3311 and ASTM F1412.

Call customer service if you need assistance with technical details.



B 181.3



Full Listing

Joining Methods:

No Hub Mechanical Joint
 Rionfuse CF (Clamp-Free) Electrofusion

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Orion product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Orion Technical Service. Orion reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Orion products previously or subsequently sold.

Pipe & Fitting Availability

Pipe & Fittings	Sizes
Pipe - Sch 40 & Sch 80	1 1/2" - 6"
Rionfuse RFCF Couplings	1 1/2" - 6"
No Hub Corrugated Couplings	1 1/2" - 6"
45° Elbows - 45E 1/8 Bend	1 1/2" - 6"
90° Elbows - 90E - 1/4 Bend	1 1/2" - 6"
Long Sweep 90° Elbow - LS90E	1 1/2" - 6"
Sanitary Tee - 90T	1" - 4"
Reducing Sanitary Tee - R90T	2" x 1 1/2" - 4" x 3"
Double Sanitary Tee - D90T	1 1/2" x 4"
Reducing Double Sanitary Tee - RD90T	2" x 1 1/2" - 4" x 3"
45° Lateral Wyes - 45Y	1 1/2" - 6"
Reducing Lateral Wye - R45Y	2" x 1 1/2" - 6 x 4"
Double Lateral Wye - D45Y	1 1/2" - 6"
Reducing Double Lateral Wye - RD45Y	2" x 1 1/2" - 6" x 4"
Long Turn Wye - LTY	1 1/2 - 6"
Reducing Log Turn Wye - RLTY	2" x 1 1/2" - 6" x 4"
Double Long Turn Wye - DLTY	1 1/2" x 6"
Reducing Double Long Turn Wye - RDLTY	2" x 1 1/2" - 6" x 4"
Male Adapter - MA	1 1/2" - 6"
Female Adapter - FA	1 1/2" - 6"
Cleanout Adapter w/Plug - COA	1 1/2" - 6"
Cleanout Plug - COPLUG	1 1/2" - 6"
Countersunk Cleanout Plug - COPLUGCSK	2" - 4"
CAP	1 1/2" - 6"
Reducer	2" x 1 1/2" - 6" x 4"
P-Trap - UTP - Adj. Trap	1 1/2" - 2"
Running Trap - UTR - Adj. Trap	1 1/2" - 2"
S-Trap - UTPS - Adj. Trap	1 1/2" - 2"
P-Trap RBP - Non-Adj. Trap	1 1/2" - 6"
S-Trap - RBPS - Non-Adj. Trap	1 1/2" - 4"
Sink Tailpiece Loose Nut Adapter - RLNS	1 1/2" - 2"
Sink Tailpiece Loose Nut Adapter w/Ext. - RLNS x 12"	1 1/2" - 2"
Sink Tailpiece Slip Joint Adapter - SJA	1 1/2" - 2"
Sink Tailpiece Slip Joint Adapter w/12" Ext. - SJA x 12"	1 1/2" - 2"
Bottle Trap - BT	1 1/2"
Bottles for BT1 and BT-3 (1Pt - 2 Qt.)	1 1/2"
Swivel Drun Trap - DT1	1 1/2" - 2"
Floor Drain - FD-1	2" - 6"
Floor Drain w/Primer - FD-1PR	2" - 6"
Floor Drain w/Side Outlet - FD-2	2" - 6"
Floor Drain w/Integral Trap - FD-3	2" - 6"

Note: All dimensions are +/- 0.25". All weights are approximate.

ORION®

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Fabricated Fittings & Adapters Availability

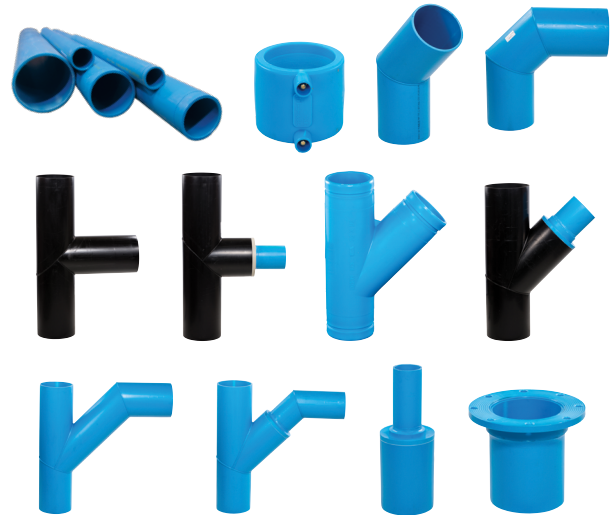
Fittings, Adapters, Floor Sinks/Cleanouts/Comb. Drains	Sizes
22.5° Elbow - 22.5E - 1/16 Bend	1 1/2" - 6"
Cleanout Tee w/Plug - COT	1 1/2" - 6"
Duriron x No-Hub Adapter - DA	1 1/2" - 6"
Duriron/Cast Iron No Hub Adapter - DHA/CIA	1 1/2" - 6"
Glass X No-Hub Adapter	1 1/2" - 6"
150# ANSI Flange -FLG	1 1/2" - 6"
Flange Backing Ring	1 1/2" - 6"
Floor Cleanout - FCO	3" - 4"
Adj. Combination Stainless Steel & PP Floor Cleanout	2" - 4"
Combination Stainless Steel & PP Floor Drain (Round)	
5" Round Stainless Steel Strainer	2" - 6"
6" Round Stainless Steel Strainer	2" - 6"
8" Round Stainless Steel Strainer	2" - 6"
Combination Stainless Steel & PP Floor Drain (Square)	
5" x 5" Square Stainless Steel Strainer	2" - 6"
6" x 6" Square Stainless Steel Strainer	2" - 6"
8" x 8" Square Stainless Steel Strainer	2" - 6"
12" x 12" x 7.5" Polypropylene Floor Sink	2" - 4"
12" x 12" x 6" Floor Sink Less Grate	2" - 6"
12" x 12 x 8" Floor Sink Less Grate	2" - 6"

Note: All dimensions are +/- 0.25". All weights are approximate.



Pipe & Fitting Availability - Large Diameter FRPP

Pipe & Fittings - Large Diameter	Sizes
Pipe	8" - 12"
Rionfuse Electrofusion Couplings	8" - 12"
45° Elbow - 45E - 1/8 Bend	8" - 12"
90° Elbow - 90E - 1/4 Bend	8" - 12"
Tee - 90T	8" - 12"
Reducing Tee - R90T	8" x 4" - 10" x 8"
45° Lateral Wye - 45Y	8" - 12"
Reducing Lateral Wye - R45Y	8" x 4" - 12" x 10"
Long Turn Wye - LTY	8" - 12"
Reducing Long Turn Wye - RLTY	8" x 4" - 12" x 10"
Reducer	8" x 4" - 10" x 8"
150# ANSI Flange	8" - 12"
Flange Backing Ring	8" - 12"



Note: All dimensions are +/- 0.25". All weights are approximate.



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USA: T: (800) 334-6259 • OrionFittings.com
Canada: T: (888) 208-8927 • OrionFittings.ca
Latin America: T: (52) 55-4122-0138 • OrionFittings.com