

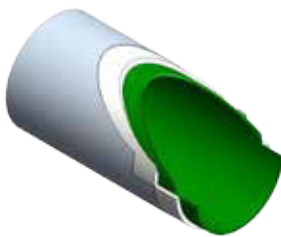




Pipe Selection Guide

FRP Piping Systems

TYPE	P-series	H-series	A-series Abrasion Resistant	AA-series (Abrasion Resistant)	Custom
	<p>Highly corrosion resistant pipe system. Reinforced chemical resistant barrier in pipe and fittings. Manufactured with Bisphenol A epoxy vinyl ester resins. Available with RPS Tapered Adhesive joint (sizes 1" – 12") for maximum chemical resistance at lowest installed cost.</p> 	<p>Improved resistance to strong acids, solvents, and oxidizing agents. Higher temperature capability, to 240°F. Manufactured from Bisphenol A epoxy, or epoxy Novolac vinyl ester resins. Available with RPS Tapered Adhesive joints (sizes 1" – 12"). H-series offers maximum chemical resistance.</p> 	<p>Corrosion resistant pipe system with the proprietary RPS A-series, abrasion/corrosion resistant liner in pipe and fittings. A-series outperforms standard FRP, Rubber Line Carbon Steel, and Alloy piping in fine particle slurries (eg. limestone, gypsum, lime).</p> 	<p>Custom designed spray piping system incorporating an internal and external RPS A-series, abrasion/corrosion resistant liner. The preferred material for Flue Gas Desulphurization (FDG) spray pipe.</p> 	<p>Piping system designed and built to specific customer or service condition. Custom designed pipe systems can optimize the cost:performance relationship.</p> 
Size (Diameter)	1" – 120"	1" – 120"	1" – 120"	1" – 120"	1" – 120"
Corrosion Barrier (nominal)	0.100"	0.100"	0.100"	0.050" TO 0.500" (inside & outside)	0.050" to 0.500"
Pipe Structure	Filament Wound	Filament Wound	Filament Wound	Filament Wound or Contact Molded	Filament Wound or Contact Molded
Flange	Laminated	Laminated	Laminated	Laminated	Laminated
Resin System	Vinyl Ester	Premium Vinyl Ester (Epoxy Novolac)	Vinyl Ester	Vinyl Ester	Vinyl Ester Premium Vinyl Ester (Epoxy Novolac) Bisphenol A Isophthalic
Fire Retardance	Optional	Optional	Optional	Optional	Optional
Joint Types	Tapered Adhesive Butt & Wrap O-Ring	Tapered Adhesive Butt & Wrap	Tapered Adhesive Butt & Wrap	Tapered Adhesive Butt & Wrap	Butt & Wrap
Pressure Ratings	50 – 150 psi	50 – 150 psi	50 – 150 psi	50 – 150 psi	25 – 150 psi
Typical Applications	Caustics, acids, brine solutions, industrial chemicals, sewer and effluent lines, chlorine dioxide, Pickling lines, and other services demanding highly corrosion resistant resins.	Higher Temperature Capabilities As P-series, H-series is capable of handling a wide range of acids and oxidizing agents. H-series has improved performance with solvents, and at elevated temperatures.	Enhanced Erosion Resistance Excellent performance in handling lime, limestone, and gypsum slurries; as found in wet limestone scrubber systems. Suitable for other fine particle slurries (eg. TiO ₂).	Internal & External Erosion Resistance Wet limestone FGD Spray Piping, and other applications where both internal and external erosion are a concern.	Chlorine and custom applications.