
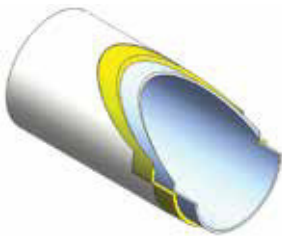






Pipe Selection Guide

Dual Laminate Piping Systems

TYPE	Flouropolymers		Polyolefins		Vinyls	
	FEP/FRP	PVDF/FRP	PP/FRP	HDPE/FRP	CPVC/FRP	PVC/FRP
	<p>MAXAR piping products exhibit excellent chemical resistance at elevated temperatures. A fully bonded liner reinforced with a premium vinyl ester resin offering seamless flanged spools up to 20 ft. The improved impact and elongation properties have proven beneficial for many applications</p> 	<p>Polyvinylidene fluoride is valued for its toughness, high abrasion resistance and low permeability to most gases and liquids. These qualities offer additional chemical benefits in high pH solutions, increased impact strength at ambient and colder temperatures.</p> 	<p>Polypropylene has many advantageous in process piping. Strength, low weight, abrasion resistance, and broad temperature range provides numerous chemical applications.</p> 	<p>A cost effective remedy for a vast range of piping problems. Can carry slurries, wastewater, chemicals, hazardous wastes, and numerous solutions in the mining, gas and oil industry.</p> 	<p>CPVC has physical properties at 73°F similar to PVC and chemical resistance generally better than that of PVC. The maximum service temperature is 200°F under pressure and has proven to be an excellent piping materials for hot corrosive liquids, hot and cold water distribution and similar applications above the temperature range of PVC.</p> 	<p>Known as the most frequently specified of all thermoplastics materials, PVC is characterized by distinctive physical properties, and is resistant to corrosion and chemical attack by acids, alkalis, salt solutions etc.</p> 
Size (Diameter)	1" thru 24" (Seamless thru 20")	1" – 20"	1" – 20"	1" – 24"	1" – 24"	1" – 24"
Pipe Structure	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded
Flange	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded	Filament Wound or Contact Molded
Resin System	Vinyl Ester	Vinyl Ester	Vinyl Ester	Vinyl Ester	Vinyl Ester	Vinyl Ester
Fire Retardance	Optional	Optional	Optional	Optional	Optional	Optional
Joint Types	Hot air rod fusion FRP Overwrap	Butt or hot air rod fusion FRP Overwrap	Butt or hot air rod fusion FRP Overwrap	Butt or hot air rod fusion FRP Overwrap	Butt or hot air rod fusion FRP Overwrap	Butt or hot air rod fusion FRP Overwrap
Pressure Ratings	100 psi - 150 psi	100 psi - 150 psi	100 psi - 150 psi	100 psi - 150 psi	100 psi - 150 psi	100 psi - 150 psi
Typical Applications	MAXAR's FEP liner is chemically inert to a broad range of commercial chemicals including: acids, chlorides, sulfates, bleach solutions and caustics, etc.	Some common chemicals handled by PVDF piping are: acetic acid, chlorine, hydrochloric acid, sodium hypochlorite, sulfuric acid etc. It's often used for pump parts, tank liners, and seals. This material also has a slippery surface and can be used outdoors.	Polypropylene liners are chemically inert to mineral acids, alkalis, salt solutions and alcohols. Strong caustic streams including potassium hydroxide and sodium hydroxide solutions.	Can handle slurries, wastewater, chemicals, hazardous wastes and numerous solutions in the mining, gas and oil industry.	Generally resistant to most acids, bases, oxidants and halogens.	Generally resistant to most acids, bases, oxidants and halogens.

Notes: Other liners available upon request.