

# Submittal sheet

## FG SERIES | Fittings & Jacket | White

**PIC White FG series** PVC jacketing is a high gloss, opaque, weather and ultraviolet resistant system designed for both indoor and outdoor use on industrial and commercial piping systems. It is easy to install, can be hermetically sealed, and has excellent resistance to chemicals, corrosion, rust, and accidental impact.

All PIC White FG Series pipe insulation jacketings are formed to the outside diameter and shape of the insulation system. Pipe insulation jacketing includes straight-line as well as fitting shapes (ells, tees, valves, caps, etc.).

When correctly installed with PIC Welding Adhesive, White FG Series PVC jacketing creates a hermetic seal that meets FDA and USDA standards.

### Typical Properties

Property	ASTM Method	Gauge (mils)	Test Values
Specific Gravity	D-792	100	1.44
Rockwell Hardness	D-785	250	112R
Tensile Strength @ yield	D-882	30	6400 PSI
Elongation @ failure	D-882	30	61%
Tensile Modulus	D-882	30	370,000 PSI
Flexural Strength	D-790	125	11,600 PSI
Flexural Modulus	D-790	125	400,000 PSI
Izod Impact			
@ 73°F	D-256	125	3 ft lbs/in
@32°F	D-256	125	1.7 ft lbs/in
@-20°F	D-256	125	1.1 ft lbs/in
@-40°F	D-256	125	1.0 ft lbs/in
Gardner Impact (1/2" TUR 4 lb. weight)		30	2.54 in lbs/mil
Flame Spread	E-84	20	Less than 25
	E-84	30	Less than 25
Fuel Contribution	E-84	20	0
	E-84	30	0
Smoke Developed	E-84	20	Less than 50
	E-84	30	Less than 50
Flame Resistance	UL-94		Rating VO
Emissivity	White		0.91
Perm rating		20	0.031
		30	0.020
Temperature Limits		20	-20°F to 150°F
		30	-20°F to 150°F

### Specification Compliance

ASTM D 1784, Cell Class 16354  
 Military Spec LP-1035A, Type II Grade GU  
 Military Spec LP-535E, Type II Grade GU  
 New York City MEA 402-07-M