

PIC Plastics, Inc

Insulation Jacketing Systems

PIC FG Series Fittings and Jacket

Submittal Sheet



Color: White

Finish: Smooth / Smooth High Gloss

Temperature Limits

-20°F to 150°F

FG Series Details

When correctly installed with PIC Welding adhesive FG Series covers create a hermetic seal that meets FDA and USDA standards.

PIC FG Series is a white opaque weather and ultraviolet resistant PVC Plastic designed for both outdoor and indoor use. It has good fabricating properties and excellent resistance to ultraviolet rays, chemicals, weathering, rust and corrosion. In addition to excellent low-flame-spread properties, it also provides an unmatched insulation value due to its high resistance to heat or cold transfer.

All PIC FG Series pipe insulation jacketing are pre-shaped to the outside diameter of the insulation system. Pre-shaped insulation jacketing includes straight-line pipe insulation as well as the fittings.

Typical Properties:

Property	ASTM Method	Gauge(mils)	Test Values
Specific Gravity(white)	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 Impac @ 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 (½" TUR 4 lb weight)		30	2.54 in lbs/mil
Flame Spread	E-84	20	Less than 25
	E-84	28	Less than 25
Fuel Contribution	E-84	20	0
	E-84	28	0
Smoke Developed	E-84	20	Less than 50
	E-84	28	Less than 50
Flame resistance	UL-94		Rating VO
Emissivity	White		0.91
Perm Rating		20	0.031
		28	0.020

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