

PIC Plastics, Inc.

Insulation Jacketing Systems

PIC LG Series Fittings and Jacket

Submittal Sheet



Description

PIC Plastics LG Series fitting covers are designed to provide a durable and attractive protective covering for commercial, industrial and institutional piping systems. LG Series fittings are supplied with 1” thick pre-cut fiberglass insulation inserts and come in 90° elbow, 45° elbow and Tee shapes and in sizes from 1.5 inch to 10.5 inch diameter.

Benefits

PIC Plastics LG Series fittings and jacket are made from a white opaque weather and ultraviolet resistant PVC plastic. PVC has good fabricating properties and has excellent resistance to chemicals, rust and corrosion. Additionally, PVC has excellent low-flame-spread properties. It also provides an unmatched insulation value due to high resistance to heat and cold transfer. PIC Plastics LG Series fitting covers provide a high level of impact resistance and the smooth, high gloss finish can be easily cleaned.

Installation

All PIC Plastics LG Series fitting covers and straight-line jacketing are pre-shaped to the outside diameter of the insulation system. Covers can be quickly installed by using tacks or tape and can be removed and reused for piping system repair or rework.

Color: White

Finish: Smooth High Gloss

Temperature Limits: -20°F to 150°F

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 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 (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		10	0.13
		20	0.03
		28	0.020

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