

SUBMITTAL SHEET

FG SERIES Fittings and Jacket - Color

PIC Color FG Series PVC jacketing is a durable, high gloss system designed for indoor 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. Fourteen available colors allow color coding and easy identification of complex piping systems.

All PIC Color 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, Color 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	1.39
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
Perm Rating		20	0.031
		30	0.020
Temperature Limits		20	-20°F to 150°F
		30	-20°F to 150°F

Available Colors:

Black, Blue, Light Blue, Brown, Gray, Light Gray, Green, Light Green, Pea Green, Orange, Purple, Red, Tan, Yellow

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

PIC Plastics, Inc.
2232 N. Garrison Ave.
Carthage, MO 64836
P: 417-359-9896
P: 800-654-0409
F: 417-359-9899
www.pic-plastics.com

