

PIC Plastics, Inc

Insulation Jacketing Systems



P.I.C.
PLASTICS

PIC FG Series Fittings and Jacket

Submittal Sheet

Color: See available colors

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.

Color PIC FG Series is designed for indoor use only. It has good fabricating properties and excellent resistance to chemicals, rust and corrosion. In addition to excellent appearance it is unmatched for insulation value due to high resistance to heat or cold transfer. It is easy to color code even the most complex system with 14 different colors.

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 | 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 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 |
| Perm Rating | | 20 | 0.031 |
| | | 28 | 0.020 |

Available colors : Black, Blue, Light Blue, Brown, Tan, Green, Lt. Green, Gray, Lt. Gray, Orange, Red, and Yellow.

PIC Plastics, Inc. - 2232 North Garrison Ave - Carthage, MO 64836

Phone 417-359-9896 or 1-800-654-0409 Fax 1-417-359-9899

www.pic-plastics.com