

## Saint-Gobain Fluran® F-5500-A Fluoroelastomer Tubing

Category : Polymer , Thermoplastic , Fluoropolymer

### Material Notes:

Fluran® Severe Environment Tubing has the physical and chemical characteristics that make it ideal for severe environments, such as dry cleaning fluid lines and solvent recovery systems, where other flexible tubings fail. Fluran® Severe Environment Tubing can be used in continuous service with temperatures as high as 400°F (204°C) and has excellent resistance to corrosive chemicals, oils, fuels, solvents and most mineral acids.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-Fluran-F-5500-A-Fluoroelastomer-Tubing.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Fluran-F-5500-A-Fluoroelastomer-Tubing.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.90 g/cc	1.90 g/cc	ASTM D792
Water Absorption	0.23 %	0.23 %	24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	15 sec.; ASTM D2240-02
Tensile Strength, Ultimate	9.65 MPa	1400 psi	ASTM D412-98
Elongation at Break	300 %	300 %	ASTM D412-98
100% Modulus	0.00241 GPa	0.350 ksi	ASTM D412-98
Tear Strength	17.5 kN/m	99.9 pli	ASTM D1004-94
Compression Set	37 % @Temperature 70.0 °C	37 % @Temperature 158 °F	22 hrs.; ASTM D395-02 Method B
Tensile Set	13 %	13 %	ASTM D412-98

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Brittleness Temperature	-51.0 °C	-59.8 °F	ASTM D746-98

Electrical Properties	Metric	English	Comments
Dielectric Strength	19.7 kV/mm	500 kV/in	ASTM D149-97

Descriptive Properties	Value	Comments
Color	Black	

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**