

## Saint-Gobain Norprene® A-60-F Food Process Tubing Formulation

Category : Polymer , Thermoplastic

### Material Notes:

**Description:** Norprene® Food Process Tubing, Formulation A-60-F: Formulated to withstand the high temperatures frequently occurring during food and beverage processing, Norprene® Food Process Tubing will outlast and outperform virtually all other food grade tubings. Even following extended exposure to heat and ozone, Norprene® Food Process Tubing will not crack or deteriorate as commonly found when using traditional rubber tubings. Extremely flexible, Norprene® Food Process Tubing resists kinks and retains its shape while installing quickly and easily. Its excellent flexural fatigue resistance makes it the absolute best choice for use in peristaltic pumps often found in dispensing equipment. Repeatedly autoclavable, Norprene® Food Process Tubing can be steam cleaned in place, eliminating the need for frequent tubing replacement. When harsh sanitizing solutions are used, it exhibits exceptional chemical resistance and is entirely unaffected by a wide variety of cleaning solutions. Also available with reinforcement to withstand elevated working pressure.

**Features/Benefits:** Long flex life in peristaltic pumps  
Temperature resistant from -60°F to 275°F  
Compatible with virtually all common sanitizers and cleaners  
Ozone and UV light resistant  
Repeatedly autoclavable  
Chemically compatible with a wide range of fluids  
Meets FDA, 3-A and NSF criteria  
Typical applications include Cosmetic Production, Food and Dairy Processing, Hot Beverage Dispensing, Water Purification Lines, Sanitizer Delivery, Soap Dispensing, Pesticide/Fertilizer Delivery, Ink and Toner Feed Lines, Chemical Transfer.

Information provided by Saint Gobain Performance Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-Norprene-A-60-F-Food-Process-Tubing-Formulation.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Norprene-A-60-F-Food-Process-Tubing-Formulation.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	ASTM D792-91
Water Absorption	0.30 %	0.30 %	24 hours at 23°C; ASTM D570-95

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	15 seconds; ASTM D2240-97
Tensile Strength, Yield	6.89 MPa	1000 psi	ASTM D412-97
Elongation at Break	375 %	375 %	ASTM D412-97
100% Modulus	0.00283 GPa	0.410 ksi	ASTM D412-97
300% Modulus	0.00552 GPa	0.800 ksi	ASTM D412-97
Tear Strength	21.0 kN/m	120 pli	Initial Tear Strength; ASTM D1004-93
Compression Set	27 % @Temperature 70.0 °C	27 % @Temperature 158 °F	Constant Deflection, for 22 hrs.; ASTM D395-89 Method B
Tensile Set	47 %	47 %	ASTM D412-97

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	135 Â°C	275 Â°F	
Brittleness Temperature	-59.4 Â°C	-75.0 Â°F	ASTM D746-95

Electrical Properties	Metric	English	Comments
Dielectric Strength	21.1 kV/mm	535 kV/in	ASTM D149-93

Descriptive Properties	Value	Comments
Color	Cream	

## Contact Songhan Plastic Technology Co.,Ltd.

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