

## Saint-Gobain Tygon® F-4040-A Fuel and Lubricant Tubing Formulation

Category : Polymer , Thermoplastic

### Material Notes:

**Description:** Tygon® F-4040-A: A consistent performer lot after lot, Tygon® Fuel and Lubricant Tubing is the most requested fuel and lubricant tubing for a variety of applications -- from small engine fuel lines to coolant transfer. Specifically designed to handle most fuels and industrial lubricants, Tygon® Fuel and Lubricant Tubing resists the swelling and hardening caused by hydrocarbon-based fluids. This significantly reduces the risk of failure due to cracking and leakage. Its minimum extractability safeguards the liquid or vapor being transferred against adulteration. Extremely flexible (Shore A, 57), Tygon® Fuel and Lubricant Tubing simplifies installation, even in tight places. It is translucent yellow for positive identification and to allow easy flow monitoring. It is routinely used to handle gasoline, kerosene, heating oils, cutting compounds and glycol-based coolants. **Features and Benefits:**Resists embrittlementCompatible with most hydrocarbonsResistant to swellingHighly flexible, easy to installSpecifically developed for fuels and lubricantsOzone and UV light resistant  
**Typical applications include** Small engine fuel lines, general automotive, recreational vehicles, lawn and garden equipment, coolant transfer, heating fuels, cutting compounds, polishing equipment, lubrication lines.**Information provided by Saint Gobain Performance Products.**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-Tygon-F-4040-A-Fuel-and-Lubricant-Tubing-Formulation.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Tygon-F-4040-A-Fuel-and-Lubricant-Tubing-Formulation.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792-91
Water Absorption	0.49 %	0.49 %	24 hours at 23°C; ASTM D570-95

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	57	57	15 seconds; ASTM D2240-97
Tensile Strength, Yield	12.5 MPa	1820 psi	ASTM D412-97
Elongation at Break	310 %	310 %	ASTM D412-97
100% Modulus	0.00627 GPa	0.910 ksi	ASTM D412-97
Tear Strength	29.3 kN/m	167 pli	Initial Tear Strength; ASTM D1004-93
Compression Set	65 % @Temperature 70.0 °C	65 % @Temperature 158 °F	Constant Deflection, for 22 hrs.; ASTM D395-89 Method B
Tensile Set	50 %	50 %	ASTM D412-97

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	73.9 °C	165 °F	
Brittleness Temperature	-37.2 °C	-35.0 °F	ASTM D746-95

Thermal Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Dielectric Strength	15.9 kV/mm	403 kV/in	ASTM D149-93

Descriptive Properties	Value	Comments
Color	Translucent Yellow	

## 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