

## Saint-Gobain Transflow® M-34-R Raw Milk Tubing Formulation

Category : Polymer , Thermoplastic

### Material Notes:

**Description:** Transflow® M-34-R: Transflow® Raw Milk tubing is specially formulated to reduce the risks that can occur with the use of rubber tubings. Many regulatory sanitarians throughout the world recognize Transflow® as the preferred tubing for raw milk transfer. Long lasting Transflow® tubing is extremely flexible and installs quickly and easily around stantions and milk handling equipment. It resists embrittlement and cracking from oxidation that often shortens the service life of other tubings. The same reliability and performance found in Transflow® Raw Milk tubing is also available for tank truck operators. Produced in large bore sizes up to 3â€ I.D., Transflow® tubings' clarity, flexibility and cleanability are ideally suited for bulk milk transfer. Transflow® is also produced in single and twin tube configurations ideally suited for supply air transport. It's smooth inner surface is less susceptible to particle entrapment which can restrict air flow while crystal clarity permits detection of equipment deficiencies such as backflow of milk into the air lines. Every foot of Transflow® Raw Milk tubing has been embedded with a trademark blue stripe within the tubing walls. The embedded blue stripe is your assurance of receiving genuine Transflow® tubing, the worlds' finest raw milk tubing produced specifically for the dairy industry.

**Features/Benefits:**Excellent clarity for visual inspection of milk flowSmooth, non-porous bore resists buildupTaste and odor freeLightweight and flexible for quick installationNon-wetting properties allow easy cleaning and complete drainageLong and reliable service lifeMeets FDA, 3-A and NSF criteriaUsed primarily for Raw Milk Transport Lines.

Information provided by Saint Gobain Performance Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-Transflow-M-34-R-Raw-Milk-Tubing-Formulation.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Transflow-M-34-R-Raw-Milk-Tubing-Formulation.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792-91
Water Absorption	0.14 %	0.14 %	24 hours at 23Â°C; ASTM D570-81

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	15 seconds; ASTM D2240-91
Tensile Strength, Yield	14.5 MPa	2100 psi	ASTM D412-92
Elongation at Break	450 %	450 %	ASTM D412-92
200% Modulus	0.0121 GPa	1.76 ksi	ASTM D412-92
Tear Strength	31.6 kN/m	180 pli	Initial Tear Strength; ASTM D1004-93
Compression Set	64 % @Temperature 70.0 Â°C	64 % @Temperature 158 Â°F	Constant Deflection, for 22 hrs.; ASTM D395-89 Method B

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	73.9 Â°C	165 Â°F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-43.9 A°C	-47.0 A°F	ASTM D746-79

Electrical Properties	Metric	English	Comments
Dielectric Strength	20.4 kV/mm	518 kV/in	ASTM D149-93

Descriptive Properties	Value	Comments
Color	Clear	

## Contact Songhan Plastic Technology Co.,Ltd.

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