

TUBING SELECTION GUIDE

Cleaning Chemical Tubing



Chemical Compatibility (for reference only)*

Formulation	Materials	Recommended Applications	Pump Tubing/ Transfer Tubing	Acids			Bases			Alcohols	Caustic Soda, 10-15% in w	Soda Ash, 7% in w	Sodium Hypochlorite, 5.5%	Peracetic Acid, 6%	Surfactant	Fluorosilicic Acid, 25% in w	Glycolic Acid, 70% in w	Pump Life (hrs, 0 psi)**	Pump Life (hrs, 10 psi)**	Durometer, Shore A (ASTM D2240)	Color	Translucency	Relative Working Pressure Rating	Working Temperature Range, °F (°C)
				conc	med	weak	conc	med	weak															
Tygon® A-60-C	Thermoplastic elastomer	Soap and disinfectant dispensing, wastewater, wash systems	Pump Tubing	U	F	F	F	E	E	F	E	E	E	F	G	E	G	1000+	1000	61	cream	opaque	Low	-75-275 (-60-135)
Tygon® A-60-G	Thermoplastic elastomer	Soap and disinfectant dispensing, wastewater, wash systems	Pump Tubing	U	F	F	F	E	E	F	E	E	E	F	G	E	G	1000+	1000	61	black	opaque	Low	-75-275 (-60-135)
Tygon® Chemical	Co-extruded thermoplastic elastomer	Sanitizers, cleaners, harsh chemicals	Pump Tubing	F	E	E	E	E	E	F	E	E	E	U	E	E	E	800	500	61	cream	opaque	Medium	-75-165 (-60-74)
Tygon® C2-55-C	Co-extruded thermoplastic elastomer	Sanitizers, cleaners, harsh chemicals	Pump Tubing	F	E	E	E	E	E	E	E	E	E	G	E	E	E	250^	200^	58	cream	opaque	Low	-90-180 (-70-82)
Tygon® XL-60	Thermoplastic elastomer	High temperature dishwashing and ware washing	Pump Tubing	G	G	E	G	G	E	G	E	E	E	-	G	E	G	500+	500	60	clear	translucent	Low	-87-250 (-66-121)
Versilon™ 2001	Polyolefin	Soap, detergent, and polar solvent dispensing, caustic and acid based chemical transfer for water purification	Pump Tubing	F	E	E	F	E	E	E	E	E	E	-	E	E	E	100	70	69	clear	translucent	Medium	-108-135 (-78-57)
Versilon™ F-5500-A	Fluoroelastomer	Caustic, corrosive chemicals	Pump Tubing	E	E	E	U	F	F	F	E	E	E	-	E	E	X	150	90	60	black	opaque	Low	-60-400 (-51-204)
Tygon® SPT-60 L	Platinum-cured silicone	Soap and detergent dispensing	Pump Tubing	U	U	U	U	F	F	F	G	E	E	-	G	U	E	<i>not yet tested</i>	275^^	60	natural	translucent	Low	-75-350 (-60-177)
Tygon® SPT-3355 L	Platinum-cured silicone	Soap and detergent dispensing	Pump Tubing	U	U	U	U	F	F	F	G	E	E	-	G	U	E	250	75	55	natural	translucent	Low	-112-400 (-80-204)
Tygon® 2375	Polyolefin	Aggressive acid and caustic detergent transfer	Transfer Tubing	F	E	E	E	E	E	E	E	E	E	E	E	E	E	N/A	N/A	75	clear	translucent	Medium	-103-130 (-75-54)
Tygon® 2375 I.B.	Polyolefin with inner braid	High pressure transfer line for chemical dispensing equipment	Transfer Tubing	F	E	E	E	E	E	E	E	E	E	E	E	E	E	N/A	N/A	77	clear (w/braid)	translucent	High	-103-130 (-75-54)
Tygon® A-60-C I.B.	Thermoplastic elastomer with inner braid	High pressure transfer line for chemical dispensing equipment	Transfer Tubing	U	F	F	F	E	E	F	E	E	E	F	G	E	G	N/A	N/A	61	cream	opaque	High	-75-275 (-60-135)
Versilon™ C-210-A	Thermoplastic polyurethane	Oils, Greases, Fuels	Transfer Tubing	U	U	F	U	F	F	U	U	E	G	-	E	E	U	N/A	N/A	82	clear	translucent	Medium	-100-175 (-73-79)
Versilon™ C-219-A	PVC	Soap and detergent transfer	Transfer Tubing	F	E	E	E	E	E	F	E	E	E	-	E	E	G	N/A	N/A	67	clear	translucent	Medium	-45-165 (-43-74)
Versilon™ C-617-A-CE	Fluoropolymer lined PVC	Harsh cleaning chemicals and ozone transfer	Transfer Tubing	E	E	E	E	E	E	E	E	E	E	E	E	E	F	N/A	N/A	67	clear	translucent	Medium	-45-165 (-43-74)
Versilon™ PTFE	Fluoropolymer	Harsh cleaning chemicals and ozone transfer	Transfer Tubing	E	E	E	E	E	E	E	E	E	E	-	E	E	U	N/A	N/A	55 Shore D	white	opaque / translucent	High	-328-500 (-200-260)

* See complete Chemical Resistance Guide for full compatibility ratings.

** 1/4" ID X 3/8" OD, 3-roller pump head, 600 rpm, 73°F

^ 1/4" ID x 7/16" OD, 3-roller pump head, 600 rpm, 73°F, 0 & 15 psi bp

^^ 1/4" ID x 7/16" OD, 3-roller pump head, 200 rpm, 73°F

Chemical Ratings:
 E Excellent
 G Good
 F Fair
 U Unsatisfactory
 - Not Tested