



The perfect transfer tubing for kerosene, gasoline, oils, cutting compounds, and other chemicals and petrochemicals, Excelon Fuel & Lubricant Tubing is uniquely formulated to resist the corrosive effects of hydrocarbon-based fluids, avoid swelling and hardening, and protect against product contamination and leaching. Excelon fuel line hoses are flexible enough to allow for fast, simple installation in even the tightest quarters, and they maintain this flexibility over time to reduce failure due to cracking and leaking.

Our fuel tubing's transparent yellow color provides for easy identification and flow monitoring, and it is available in the most common sizes to suit nearly any need involving fuel and lubricant applications.

*Excelon Fuel & Lubricant tubing is not to be used in contact with food, beverage, or drugs.

PHYSICAL PROPERTIES

Properties**	FUEL
Hardness, Shore A	57
Specific Gravity	1.23
Tensile Strength, psi	1700
Elongation at Break, %	360
Max. Operating Temp., °F	165
Brittle Temperature, °F	-35

**Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

- Equivalent to Tygon® F-4040-A Formulation
- For use in the transfer of chemicals and petrochemicals including: gasoline, kerosene, oils and cutting compounds
- Specifically formulated to resist hardening and swelling
- Translucent and flexible
- Protects against leaching and product contamination
- Recommended for a variety of applications ranging from small engine fuel lines to coolant transfer
- Batch consistency

Thermo
1268 Valley Road, Stirling, NJ 07980-0188
p: (888)554-6400 / (908) 561-3000
f: (800) 874-3291 / (908) 753-6749
www.excelon.com

EXCELON FUEL

EXCELON FUEL & LUBRICANT TUBING SIZING CHART

ITEM NO.	SIZE NO.	ID (INCHES)	OD (INCHES)	WALL (INCHES)	LENGTH (FEET)	MINIMUM BEND RADIUS (INCHES)	MAX .WKG. PSI @ 73 °F
40400005	0FL50	0.080	0.140	0.030	50'	1/4	40
40400205	2FL50	1/8	1/4	1/16	50'	3/8	50
40400305	3FL50	3/16	5/16	1/16	50'	5/8	35
40400605	6FL50	1/4	3/8	1/16	50'	1	30
40400605	9FL50	5/16	7/16	1/16	50'	1 3/8	25
40401205	12FL50	3/8	1/2	1/16	50'	1 7/8	20
40401405	14FL50	3/8	5/8	1/8	50'	1 1/8	35
40401505	15FL50	7/16	9/16	1/16	50'	2 3/8	15
40401805	18FL50	1/2	5/8	1/16	50'	2 7/8	15
40402005	20FL50	1/2	3/4	1/8	50'	1 3/4	30
40402605	26FL50	5/8	7/8	1/8	50'	2 1/2	25
40403105	31FL50	3/4	1	1/8	50'	3 1/4	20

**Tolerances for dimensional sizes above in accordance with generally accepted industry standards.

**A number of environmental factors (including, but not limited to temperature, chemical attack, stress, vibration and expansion over fittings) will reduce the tubing's ability to withstand the pressures noted. Prior to specifying this tubing for use, it is the end user's responsibility to conduct the necessary tests to determine fitness for use in a specific application.



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