

## TYGON HOSE F - 4040 - A

HOSES › Hydrocarbon delivery hoses

High performance fuel and lubricant hose for small engines.

Designed to resist hydrocarbons.

Specifically designed to handle most industrial fuels and lubricants.

Tygon® Fuel and Lubricant Hose resists swelling and hardening caused by petroleum-based fluids.

hydrocarbons. This significantly reduces the risk of failure due to cracks and leaks. Its minimal extractability protects the transferred liquid or vapor from adulteration.

Thanks to its extreme flexibility, Tygon® fuel and lubricant hose simplifies installation, even in confined spaces.

It is translucent yellow in color for immediate identification and to allow easy flow monitoring.

It is routinely used to handle gasoline, kerosene, fuel oils, cutting compounds, and glycol-based coolants. Routinely specified in fuel and lubricant applications.

With consistent performance batch after batch, Tygon® Fuel and Lubricant Hose is the fuel hose

and most popular lubricant for a variety of applications, from small engine fuel lines to coolant transfer.

Other Tygon® formulations are available to meet new permeation standards.

**PACKAGED IN 50 ft ROLLS - approximately 15 meters**



CODE	Imperial diameters	Metric diameters	Operating pressure at 23°C
	inch	mm	PSI
AAG00700	2/25" - 7/50"	2.04 - 3.56	40
AAG00165	3/32" - 3/16"	2.39 - 4.77	50
AAG00007	1/8" - 1/4"	3.18 - 6.35	50
AAG00012	3/16" - 5/16"	4.76 - 7.84	35
AAG00017	1/4" - 3/8"	6.35 - 9.52	30
AAG00022	5/16" - 7/16"	7.84 - 11.11	25
AAG00027	3/8" - 1/2"	9.52 - 12.70	20
AAG00029	3/8" - 5/8"	9.52 - 15.87	35
AAG00032	7/16" - 9/16"	11.11 - 14.29	15
AAG00036	1/2" - 5/8"	12.70 - 15.87	15
AAG00038	1/2" - 3/4"	12.70 - 19.05	30
AAG00046	5/8" - 7/8"	15.86 - 22.22	25
AAG00053	3/4" - 1"	7.05pm - 10.40pm	20

### Typical physical properties

Property	ASTM method	Value or evaluation
Durometer hardness, Shore A, 15s	D2240	57
Tensile Strength, psi (MPa)	D412	1,820 (12.5)

Maximum elongation, %	D412	310
Tear Strength, lb-f/in (kN/m)	D1004	167 (29.0)
Specific weight	D792	1.26
Water Absorption, % at 73°F (23°C) for 24 hours	D570	0.49
Constant deflection for permanent deformation % at 158°F (70°C) for 22 hours	D395 Method B	65
Recommended maximum operating temperature, °F (°C)	-	165 (74)
Tensile Modulus, at 100% Elongation, psi (MPa)	D412	910 (6.3)
Tensile strain, at 75% elongation	D412	50
Color	0	Yellow
Brittleness by impact temperature, °F (°C)	D746	-35 (-37)
Dielectric strength, v/mil (kV/mm)	D149	403 (15.8)