



# Hydraulic Hose Tech Data Sheet

TECH DATA SHEET 5011



# Hydraulic Hose Range

## Thermoplastic & Twin Line Thermoplastic, SAE 100R7

### Application:

Thermoplastic hose with perforated cover for use on medium pressure hydraulic applications.

### Specification:

SAE100 R7

### Construction:

Inner tube: thermoplastic elastomer


Reinforcement: 2 single textile yarn braids

Outer cover: high abrasion resistant polyurethane

### Recommended Fluids:

Hose suitable for petroleum based hydraulic oil and water-glycol based fluids, lubricating oils, solvent and gas transfer

Available per 1 metre

 **Working Temperature:**  
-40°C to +100°C



Part Number	Size			OD mm	Working Pressure			Burst Pressure			Bend Radius mm	Weight Kg/mtr
	mm	inch	SAE		Mpa	psi	bar	Mpa	psi	bar		
100R7-03	5	3/16"	-3	10.8	20.7	3000	210	82.7	12000	840	75	0.046
100R7-04	6.3	1/4"	-4	13	20.7	3000	210	82.7	12000	840	100	0.057
100R7-05	8	5/16"	-5	15.1	17.2	2500	175	68.9	10000	700	115	0.069
100R7-06	10	3/8"	-6	17	15.5	2250	155	62.1	9000	620	125	0.095
100R7-08	12.5	1/2"	-8	20.7	13.8	2000	140	55.2	8000	560	175	0.141