

# SAE100R8TW **THERMOPLASTIC HOSE**

## TWIN LINE THERMOPLASTIC

This twin line thermoplastic hydraulic hose is designed for high-pressure applications and offers very low expansion. Its polyurethane cover enhances abrasion resistance and meets or exceeds SAE J517 100R8, ISO 3949-R8 and EN855 standards. Also available in single line variant (SAE100R8).



## TECHNICAL DETAILS

### CONSTRUCTION

**Inner Tube:** Polyester elastomer  
**Reinforcement:** One or two braids of aramid fibre  
**Outer Cover:** Polyurethane, pinpricked, black

### APPLICATION

High-pressure systems that use petroleum, synthetic or water-based hydraulic fluids. Suitable for general fluid power transmissions like earthmoving and agricultural machinery, forklifts and trucks. Also suitable for many industrial gases.

### SPECIFICATIONS

**Standards:** Meets or exceeds SAE J517 100R8, ISO 3949-R8 and EN855  
**Vacuum Rating:** 0.93bar, 700mm Hg (-13.5PSI: 27.5 inch Hg)  
**Temperature Range:** -40°C - 100°C. Not to exceed 70°C for air and water-based fluids  
**Hose Tails:** J series

Part Number	Size (in)	ID (mm)	OD (mm)	Working PSI	Min. Burst Pressure (PSI)	Min. Bend Radius (mm)	Reel Length (m)	Weight (kg/m)
100R8TW-04	1/4	6.5	11.5	5000	20000	50	100	0.17
100R8TW-06	3/8	9.7	15.5	4000	16000	60	100	0.27
100R8TW-08	1/2	13.0	19.9	3500	14000	80	100	0.40



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