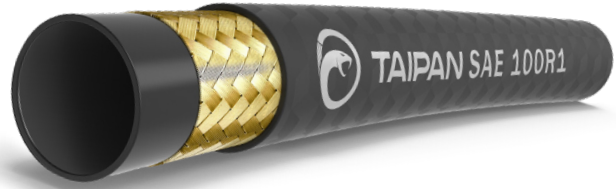


# SAE100R1 **SINGLE-WIRE BRAID HOSE**

## PREMIUM SMOOTH COVER

This single-wire, braided, non-skive hydraulic hose is designed for high-pressure applications. Its smooth cover enhances abrasion resistance and meets or exceeds SAE J517 100R1 and EN853 standards.



## TECHNICAL DETAILS

### CONSTRUCTION

- Inner Tube:** Synthetic rubber
- Reinforcement:** One braid of high-tensile steel wire
- Outer Cover:** Oil, weather, and abrasion resistant synthetic rubber, black, MSHA compliant

### SPECIFICATIONS

- Standards:** Meets or exceeds SAE J517 100R1 and EN853
- Approvals:** MSHA, LR, KR, ABS
- Temperature Range:** -40°C - 100°C
- Hose Tails:** K series, D series with D1 Shells

### APPLICATION

High-pressure service with petroleum-based hydraulic fluids, water-glycol and water-oil fire-resistant hydraulic fluids, hot oil grease, lubricants, crude and fuel oils.

**Air Applications:** For air and inert gas applications above 100PSI, the cover should be pinpricked.

Part Number	Size (in)	ID (mm)	OD (mm)	Working PSI	Min. Burst Pressure (PSI)	Min. Bend Radius (mm)	Reel Length (m)	Weight (kg/m)
100R1-03	3/16	4.8	12.1	3000	12000	90	130	0.20
100R1-04	1/4	6.4	13.5	3270	13080	100	130	0.22
100R1-06	3/8	9.5	17.1	2610	10440	125	100	0.30
100R1-08	1/2	12.7	20.3	2320	9280	180	100	0.39
100R1-10	5/8	15.9	23.9	1890	7560	205	50	0.50
100R1-12	3/4	19.0	27.8	1520	6080	240	50	0.64
100R1-16	1	25.4	35.5	1280	5120	300	50	0.83
100R1-20	1 1/4	31.7	42.8	900	3600	420	20	1.20
100R1-24	1 1/2	38.1	49.5	740	2960	500	20	1.50
100R1-32	2	50.8	61.4	580	2320	630	20	1.95