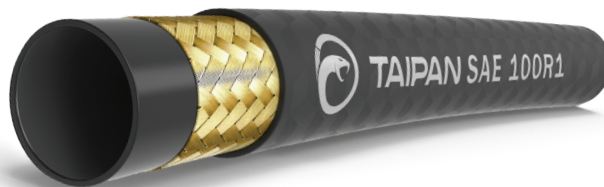


# SAE100R1 **SINGLE-WIRE BRAID HOSE**

## PREMIUM SINGLE-WIRE

This single-wire, braided, 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 (NBR I)  
**Reinforcement:** One braid of high-tensile steel wire  
**Outer Cover:** Oil, weather, and abrasion resistant synthetic rubber, black, MSHA compliant smooth cover - 1/4" to 1" | Wrapped Cover - 1 1/4 to 2"

### 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, the cover should be pinpricked.

### 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

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	13.0	3270	13080	100	130	0.22
100R1-06	3/8	9.5	17.0	2610	10440	125	100	0.30
100R1-08	1/2	12.7	21.0	2320	9280	180	100	0.39
100R1-10	5/8	15.9	24.0	1890	7560	205	50	0.50
100R1-12	3/4	19.0	28.0	1520	6080	240	50	0.64
100R1-16	1	25.4	36.0	1280	5120	300	50	0.83
100R1-20	1 1/4	31.8	45.0	900	3600	420	20	1.20
100R1-24	1 1/2	38.1	51.0	740	2960	500	20	1.50
100R1-32	2	50.8	64.0	580	2320	630	20	1.95



**TAIPAN**

Email: [sales@taipan.com.au](mailto:sales@taipan.com.au)  
Fax: 07 5428 1311

**CONTACT US 1300 654 782**  
[www.taipan.com.au](http://www.taipan.com.au)