

# SAE100R15 **FOUR & SIX-WIRE SPIRAL HOSE**

## EXTREMELY HIGH-PRESSURE

This spiral, non-skive hydraulic hose is designed for extremely high-pressure applications. Its synthetic rubber cover enhances abrasion resistance and meets or exceeds SAE J517 100R15 standards. Tested over 1,000,000 impulse cycles at 133% of working pressure from -06 to -12, and 120% of working pressure from -16 to -32.



## TECHNICAL DETAILS

### CONSTRUCTION

**Inner Tube:** Synthetic rubber  
**Reinforcement:** Four\* or six\*\* plies of spirally-wrapped, high-tensile wire separated by synthetic rubber layers  
**Outer Cover:** Oil, weather, and abrasion resistant synthetic rubber, black, MSHA compliant

\*Four plies: -06 to -16 | \*\*Six plies: -20 to -32

### APPLICATION

Extremely high-pressure applications that require a higher degree of flexibility compared to conventional spiral hose. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

### SPECIFICATIONS

**Standards:** Meets or exceeds SAE J517 100R15  
**Approvals:** 3/8" to 1 1/2" - DNV, MSHA, MED, ABS | 2" - MSHA  
**Temperature Range:** -40°C - 121°C (intermittent to 125°C)  
**Hose Tails:** L series (-06 and -08), N series (-10 to -32)

Part Number	Size (in)	ID (mm)	OD (mm)	Working PSI	Min. Burst Pressure (PSI)	Min. Bend Radius (mm)	Reel Length (m)	Weight (kg/m)
100R15-06	3/8	9.5	20.0	6100	24400	65	60	0.65
100R15-08	1/2	12.7	23.0	6100	24400	90	60	0.85
100R15-10	5/8	15.9	26.6	6100	24400	100	60	1.00
100R15-12	3/4	19.0	30.6	6100	24400	120	60	1.50
100R15-16	1	25.4	37.6	6100	24400	150	60	2.00
100R15-20	1 1/4	31.8	49.3	6100	24400	300	60	3.55
100R15-24	1 1/2	38.1	57.0	6100	24400	350	60	4.65
100R15-32	2	51.0	70.5	6100	24400	650	60	6.50