

SAE100R12 **FOUR-WIRE SPIRAL HOSE**

PREMIUM STANDARD

This four-wire spiral, non-skive hydraulic hose is designed for very high-pressure applications and offers a higher degree of flexibility compared to conventional spiral hose. Its flame-resistant cover enhances heat and abrasion resistance and meets or exceeds SAE J517 100R12 standards.



TECHNICAL DETAILS

CONSTRUCTION

Inner Tube: Synthetic rubber
Reinforcement: Four spirals of high-tensile steel separated by synthetic rubber layers
Outer Cover: Oil, weather, and abrasion resistant synthetic rubber, black, MSHA compliant

APPLICATION

High-pressure applications where a high degree of flexibility is required. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

SPECIFICATIONS

Standards: Meets or exceeds SAE J517 100R12 and EN856
Approvals: DNV, MSHA, ABS
Temperature Range: -40°C - 121°C
Hose Tails: L 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)
100R12-24	1 1/2	38.7	53.3	4200	16800	560	45	3.26
100R12-32	2	51.1	68.0	3625	14500	700	60	4.50