

Double Wire Braid Hose

SAE100R2 - Premium Smooth Cover

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of special high tensile steel wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black. MSHA cover.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R2-04	1/4	6.4	14.6	5800	23200	100	130	0.33
100R2-05	5/16	7.9	16.7	5080	20320	115	90	0.41
100R2-06	3/8	9.5	18.7	5000 (LR 4790)	20000	125	100	0.50
100R2-08	1/2	12.7	22.0	4257 (LR 3990)	17028	180	100	0.60
100R2-10	5/8	15.9	25.3	3630	14520	205	50	0.75
100R2-12	3/4	19.0	29.0	3120	12480	240	50	0.88
100R2-16	1	25.4	37.0	2500 (LR 2390)	10000	300	50	1.37
100R2-20	1 1/4	31.8	45.2	1840	7360	420	20	1.20
100R2-24	1 1/2	38.1	51.5	1320	5280	500	20/60	1.50
100R2-32	2	50.8	64.0	1170	4680	630	20	1.95

Specifications: Non skive, meets or exceeds SAE J517 100R2, EN853, ISO6805.

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

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +100°C

Couplings: **K series**- See pg. 57-83, **D series with D2 shells**- See pg. 83-89

Approvals: See Standards Chart pg. 370

LR= Lloyds Register approved pressure.

SAE100R2GP - General Purpose Wrapped Cover

Construction:

- Inner Tube; *Synthetic rubber.*
- Reinforcement; *Two braids of high tensile copper clad wire separated by synthetic rubber layer.*
- Outer Cover; *Oil, weather and abrasion resistant synthetic rubber - Black.*



Part Number	Size (In)	ID (MM)	OD (MM)	Working PSI	Min Burst Pressure (PSI)	Min Bend Radius (MM)	Reel Length (M)	Weight KG/M
100R2GP-04	1/4	6.4	15.0	5800	23200	100	100	0.35
100R2GP-06	3/8	9.5	18.7	4785	20000	127	100	0.50
100R2GP-08	1/2	12.7	22.2	3988	17028	178	100	0.62
100R2GP-10	5/8	15.9	25.3	3625	14400	203	100	0.72
100R2GP-12	3/4	18.9	29.6	3118	12470	240	70	0.92
100R2GP-16	1	25.4	37.1	2393	9570	300	70	1.30

Specifications: Non skive, EN853, 2SN & SAE J517 100R2.

Application: Medium to high pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water glycol based fluids and air.

Air Application: For air and inert gas applications above 100PSI the cover should be pin pricked.

Temperature Range: -40°C to +100°C

Couplings: **K series**- See pg. 57-83, **D series with D2 shells**- See pg. 83-89

Approvals: See Standards Chart pg. 370