

Finer Power Transmissions stocks a range of PIX Performer 1 wire and 2 wire braided hydraulic hose.

### Applications:

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

### Special Features:

- 1 Wire - Qualified for double impulse cycles (300,000 cycles) to relevant standards: SAE 100 R1S AT/ EN 853 1SN/ ISO 1436-1SN – Good Flexibility
- 2 Wire - Qualified for double impulse cycles (400,000 cycles) to relevant standards: SAE 100 R2S AT/ EN 853 2SN/ ISO 1436-2SN – Good Flexibility
- Working Temperature: -40°C to +100°C (Continuous)
- Intermittent Temperature: -40°C to +100°C (10% of total working hours)



Part No	Description	Dash	DN	Hose ID (inch)	Hose ID (mm)	Braid OD (mm)	Hose OD (mm)	Maximum Working Pressure			Minimum Burst Pressure			Minimum Bend Radius (mm)	Weight/ meter (kg/mtr)
								Mpa	bar	psi	Mpa	bar	psi		
R1AT1/4-1SN06	1/4" 1 WIRE NON-SKIVE HOSE	-4	6	1/4	6.4	11.2	13.2	22.5	225	3263	90.0	900	13050	100	0.175
R1AT3/8-1SN10	3/8" 1 WIRE NON-SKIVE HOSE	-6	10	3/8	9.5	15.3	17.3	18.0	180	2610	72.0	720	10440	125	0.350
R1AT1/2-1SN12	1/2" 1 WIRE NON-SKIVE HOSE	-8	12	1/2	12.7	18.5	20.6	16.0	160	2320	64.0	640	9280	180	0.410
R1AT5/8-1SN16	5/8" 1 WIRE NON-SKIVE HOSE	-10	16	5/8	15.9	21.8	23.9	13.0	130	1885	52.0	520	7540	205	0.520
R1AT3/4-1SN20	3/4" 1 WIRE NON-SKIVE HOSE	-12	19	3/4	19	25.4	27.6	10.5	105	1523	42.0	420	6090	240	0.645
R1AT1-1SN25	1" 1 WIRE NON-SKIVE HOSE	-16	25	1	25.4	33.2	35.3	9.0	90	1305	36.0	360	5220	300	1.000

Standards: EN853 1SN, SAE 100 R1S-AT, ISO 1436

Part No	Description	Dash	DN	Hose ID (inch)	Hose ID (mm)	Braid OD (mm)	Hose OD (mm)	Maximum Working Pressure			Minimum Burst Pressure			Minimum Bend Radius (mm)	Weight/ meter (kg/mtr)
								Mpa	bar	psi	Mpa	bar	psi		
R2AT1/4-2SN06	1/4" 2 WIRE NON-SKIVE HOSE	-4	6	1/4	6.4	12.7	14.9	40.0	400	5800	160.0	1600	23200	100	0.400
R2AT3/8-2SN10	3/8" 2 WIRE NON-SKIVE HOSE	-6	10	3/8	9.5	17.2	19.1	33.0	330	4785	132.0	1320	19140	125	0.550
R2AT1/2-2SN12	1/2" 2 WIRE NON-SKIVE HOSE	-8	12	1/2	12.7	20	22.1	27.5	275	3988	110.0	1100	15950	180	0.640
R2AT5/8-2SN16	5/8" 2 WIRE NON-SKIVE HOSE	-10	16	5/8	15.9	23	25.3	25.0	250	3625	100.0	1000	14500	205	0.780
R2AT3/4-2SN20	3/4" 2 WIRE NON-SKIVE HOSE	-12	19	3/4	19	27.2	29.6	21.5	215	3118	86.0	860	12470	240	0.975
R2AT1-2SN25	1" 2 WIRE NON-SKIVE HOSE	-16	25	1	25.4	35.4	37.7	16.5	165	2393	66.0	660	9570	300	1.420

Standards: EN853 2SN, SAE 100 R2S-AT, ISO 1436