

R1 SAE 100 R1 AT

Applicable Standard

SAE J517 100 R1 AT

Liner

Oil resistant synthetic rubber

Reinforcement

One braid of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

Medium pressure hydraulic lines

Temperature











Hydraulics Oils: from -40°C to 100°C (from -40°F to 212°F)

Water Glycol Hydraulic Fluids:

Water:

Air:



														
	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663391	5	-3	3/16	4,8	12,5	0,494	207	3000	828	12000	89	3,5		
 HOR	FN SAE 100 R1 AT 3/16" WP 210 bar (3000 psi) MSHA IC-XX/XXX													
3890936	6	-4	1/4	6,4	14,1	0,555	192	2785	768	11140	100	4		
 HOR	EN 853 1SN 6 / SAE 100 R1 AT 1/4" WP 225 bar (3260 psi) MSHA IC-XX/XXX													
3890935	10	-6	3/8	9,5	18,1	0,712	157	2275	628	9100	125	5		
 HOR	EN 853 1SN 10 / SAE 100 R1 AT 3/8" WP 180 bar (2610 psi) MSHA IC-XX/XXX													
3890934	12	-8	1/2	12,7	21,5	0,846	140	2030	560	8120	180	7		
 HOR	EN 853 1SN 12 / SAE 100 R1 AT 1/2" WP 160 bar (2320 psi) MSHA IC-XX/XXX													
3890933	16	-10	5/8	15,9	24,5	0,964	105	1525	420	6100	205	8		
 HOR	EN 853 1SN 16 / SAE 100 R1 AT 5/8" WP 130 bar (1885 psi) MSHA IC-XX/XXX													
3890932	19	-12	3/4	19,1	28,5	1,122	87	1260	348	5040	240	9,5		
 HOR	EN 853 1SN 19 / SAE 100 R1 AT 3/4" WP 105 bar (1520 psi) MSHA IC-XX/XXX													
3890931	25	-16	1	25,4	36,6	1,440	70	1015	280	4060	300	12		
 HOR	EN 853 1SN 25 / SAE 100 R1 AT 1" WP 88 bar (1275 psi) MSHA IC-XX/XXX													

This hose fits with MN couplings