

// HIGH TEMPERATURE

// R5 EVOLUTION HT 150

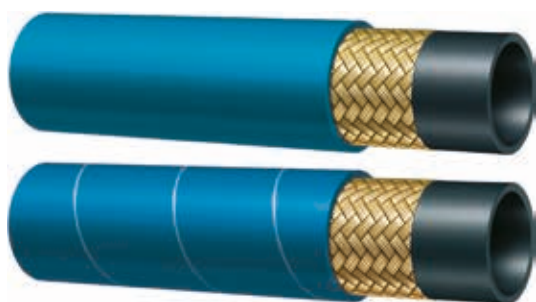


HIGH TEMPERATURE SAE 100 R5

Tube: oil resistant synthetic rubber.
Reinforcement: one high tensile steel braid.
Cover: braided high tensile textile blue cord.
Application: medium pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Specially designed for high temperature applications.
Constant operation: -40 °C +150 °C (-40 °F +300 °F)
 air max T = +85 °C (+185 °F) up to 5/8", +110 °C (+230 °F) over 3/4"
Safety factor: 1:4
Length: random up to 5/8" - 61 m max over 3/4"

Item Code	↔			↔		↕		↕		↗		⚖	
	Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1004577	04	5,0	3/16"	13,50	0,53	21,0	3000	84,0	12000	75,0	2,95	0,355	0,24
1004578	05	6,3	1/4"	15,10	0,59	21,0	3000	84,0	12000	85,0	3,35	0,382	0,26
1004579	06	8,0	5/16"	17,30	0,68	15,7	2270	62,8	9080	100,0	3,94	0,501	0,34
1004580	07	10,3	13/32"	19,70	0,78	14,0	2000	56,0	8000	115,0	4,53	0,586	0,40
1004581	10	12,5	1/2"	23,50	0,93	12,2	1760	48,8	7000	140,0	5,51	0,752	0,51
1004582	12	16,0	5/8"	27,40	1,08	10,5	1530	42,0	6000	165,0	6,50	0,871	0,59
1004583	16	22,0	7/8"	31,40	1,24	5,6	800	22,4	3250	185,0	7,28	0,706	0,48
1004585	20	29,0	1 1/8"	37,60	1,48	4,3	625	17,2	2500	229,0	9,02	0,924	0,63
1004586	24	35,0	1 3/8"	44,00	1,73	3,5	525	14,0	2000	265,0	10,43	1,055	0,71
1004587	32	46,0	1 13/16"	56,40	2,22	2,4	350	9,6	1400	335,0	13,19	1,431	0,97

// 1SN EVOLUTION HT 150



HIGH TEMPERATURE SAE 100R1AT - EN 853 1SN - ISO 1436-1

Tube: oil resistant synthetic rubber.
Reinforcement: one high tensile steel braid.
Cover: smooth up to 5/8" - wrapped textile impression over 3/4". Abrasion, ozone and hydrocarbon resistant blue synthetic rubber.
MSHA APPROVED
Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Specially designed for high temperature applications. Not recommended for steam service.
Constant operation: -40 °C +150 °C (-40 °F +300 °F)
 air max T = +85 °C (+185 °F) up to 5/8", +110 °C (+230 °F) over 3/4"
Safety factor: 4:1
Length: random up to 5/8" - 61 m max over 3/4"

Item Code	↔			↔		↕		↕		↗		⚖	
	Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1004518	04	6,0	1/4"	12,70	0,50	22,5	3250	90,0	13000	100,0	3,94	0,206	0,14
1004519	06	10,0	3/8"	16,50	0,65	18,0	2610	72,0	10500	130,0	5,12	0,307	0,21
1004520	08	13,0	1/2"	19,90	0,78	16,0	2320	64,0	9280	180,0	7,09	0,379	0,26
1004521	10	16,0	5/8"	22,70	0,89	13,0	1900	52,0	7560	200,0	7,87	0,436	0,30
1004522	12	19,0	3/4"	27,00	1,06	10,5	1530	42,0	6000	240,0	9,45	0,565	0,38
1004523	16	25,0	1"	35,80	1,41	8,8	1280	35,2	5100	300,0	11,81	0,976	0,66
1004530	20	32,0	1 1/4"	42,10	1,66	6,3	920	25,2	3680	420,0	16,54	1,121	0,76
1004531	24	38,0	1 1/2"	49,20	1,94	5,0	730	20,0	2900	500,0	19,69	1,443	0,97
1004532	32	51,0	2"	62,40	2,46	4,0	600	16,0	2320	630,0	24,80	1,911	1,29