

High temperature

## R5 Evolution HT 150



### SAE 100 R5

**Tube:** oilresistant 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.

**Temperature:** -40 °C +150 °C (-40 °F +300 °F)

air max T up to 5/8" = +85 °C (+185 °F)

air max T over 3/4" = +110 °C (+230 °F)

**Length:** random up to 5/8" - 61 m max over 3/4"

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

## 1SN Evolution HT 150



### SAE 100 R1AT - ISO 1436-1 - UNI EN 853 1SN

**Tube:** oilresistant synthetic rubber.

**Reinforcement:** one high tensile steel braid.

**Cover:** smooth up to 5/8", wrapped over 3/4". Abrasion, ozone and hydrocarbon resistant blue synthetic rubber.

**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Specially designed for high temperature applications. Not recommended for steam service.

**Temperature:** -40 °C +150 °C (-40 °F +300 °F)

air max T up to 5/8" = +85 °C (+185 °F),

air max T over 3/4" = +110 °C (+230 °F)

**Length:** random up to 5/8" - 61 m max over 3/4"

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

## 2SN Evolution HT 150



### SAE 100 R2AT - ISO 1436-1 - UNI EN 853 2SN

**Tube:** oilresistant synthetic rubber.

**Reinforcement:** two high tensile steel braids.

**Cover:** smooth up to 5/8", wrapped over 3/4". Abrasion, ozone and hydrocarbon resistant blue synthetic rubber.

**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Specially designed for high temperature applications. Not recommended for steam service.

**Temperature:** -40 °C +150 °C (-40 °F +300 °F)

air max T up to 5/8" = +85 °C (+185 °F),

air max T over 3/4" = +110 °C (+230 °F)

**Length:** random up to 5/8" - 61 m max over 3/4"

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1004524	4	6,0	1/4"	14,2	0,56	40,0	5850	160,0	23200	100	3,94	0,339	0,23
1004525	6	10,0	3/8"	18,4	0,72	33,0	4800	132,0	19200	125	4,92	0,480	0,33
1004526	8	13,0	1/2"	21,1	0,83	27,5	4000	110,0	16000	175	6,89	0,549	0,37
1004527	10	16,0	5/8"	24,5	0,96	25,0	3630	100,0	14500	200	7,87	0,689	0,47
1004528	12	19,0	3/4"	29,0	1,14	21,5	3120	86,0	12500	240	9,45	0,881	0,60
1004529	16	25,0	1"	37,4	1,47	16,5	2400	66,0	9600	300	11,81	1,364	0,92
1004533	20	32,0	1 1/4"	46,4	1,83	12,5	1820	50,0	7280	420	16,54	1,894	1,28
1004534	24	38,0	1 1/2"	52,8	2,08	9,0	1310	36,0	5240	500	19,69	2,129	1,44
1004535	32	51,0	2"	65,6	2,58	8,0	1200	32,0	4640	630	24,80	2,815	1,90