

RAILWAY HOSE



// 2SC RAILWAY



ISO 11237 - EN 857 2SC

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Specially designed for railway applications.

Constant operation: -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Safety factor: 4:1

Length: random

Item Code	↔↔↔		↔↔↔		↻		↻		↻		↻		
	Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1002687	04	6,0	1/4"	13,20	0,52	40,0	5850	160,0	23200	50,0	1,97	0,270	0,19
1002689	05	8,0	5/16"	14,50	0,57	35,0	5000	140,0	20000	55,0	2,17	0,310	0,21
1002690	06	10,0	3/8"	17,00	0,67	33,0	4800	132,0	19200	65,0	2,56	0,360	0,25
1002691	08	13,0	1/2"	20,30	0,80	27,5	4000	110,0	16000	90,0	3,54	0,470	0,32
1002692	10	16,0	5/8"	23,90	0,94	25,0	3630	100,0	14500	100,0	3,94	0,570	0,39
1002693	12	19,0	3/4"	27,70	1,09	21,5	3120	86,0	12500	120,0	4,72	0,760	0,52
1002694	16	25,0	1"	34,60	1,36	16,5	2400	66,0	9600	150,0	5,91	1,130	0,76

// 2TE RAILWAY



EN 854 2TE

Tube: oil resistant synthetic rubber.

Reinforcement: one high tensile textile braid.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: medium pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Specially designed for railway applications.

Constant operation: -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Safety factor: 4:1

Length: random

Item Code	↔↔↔		↔↔↔		↻		↻		↻		↻		
	Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1002680	04	6,0	1/4"	13,10	0,52	7,5	1100	30,0	4300	40,0	1,57	0,112	0,08
1002681	05	8,0	5/16"	14,90	0,59	6,8	986	27,0	3945	50,0	1,97	0,148	0,10
1002682	06	10,0	3/8"	16,50	0,65	6,3	920	25,2	3680	60,0	2,36	0,163	0,11
1002683	08	13,0	1/2"	19,70	0,78	5,8	840	23,2	3360	70,0	2,76	0,206	0,14
1002684	10	16,0	5/8"	23,90	0,94	5,0	730	20,0	2900	90,0	3,54	0,281	0,19
1002685	12	19,0	3/4"	27,00	1,06	4,5	650	18,0	2610	110,0	4,33	0,350	0,24
1002686	16	25,0	1"	34,40	1,35	4,0	600	16,0	2320	150,0	5,91	0,497	0,34

// UPGRADE TO EN 45545-2

ALFAGOMMA 2SC and 2TE are now compliant with the EN 45545-2 standard, requirements for fire behaviour of materials and components in the railway industry. Railway hoses 2SC and 2TE are tested to guarantee the highest levels of safety and performance.

The new standard EN 45545-2 is replacing the following country standards.

France	French standard NF F 16-101
Germany	German standard DIN 5510 part 2 (05/2009)
Great Britain	British standard BS 6853
Italy	Italian standard UNI CEI 11170-3

