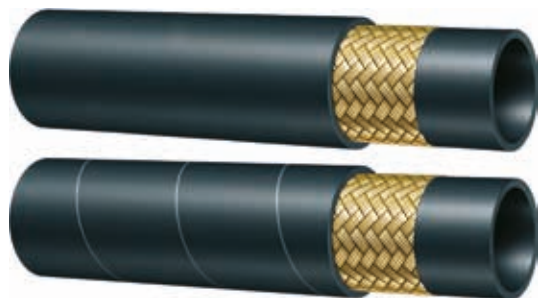


// COMPACT WIRE BRAID

// XC1 MINETUFF



MSHA

SAE 100 R17 - EN 857 1SC

Tube: oil resistant synthetic rubber.

Reinforcement: one high tensile steel braid.

Cover: smooth up to 1", wrapped over 1". Minetuff abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Temperature: -40 °C +100 °C (-40 °F +212 °F)
air max T = +70 °C (+160 °F)

Length: random

Product 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)
875AA00600F3J8	4	6,0	1/4"	12,0	0,47	22,5	3250	90,0	13000	50	1,97	0,150	0,11
875AA00800F3J8	5	8,0	5/16"	13,3	0,52	21,5	3120	86,0	12500	55	2,17	0,190	0,13
875AA01000F3J8	6	10,0	3/8"	15,4	0,61	21,0	3000	84,0	12000	65	2,56	0,257	0,18
875AA01200F3J8	8	13,0	1/2"	19,0	0,75	21,0	3000	84,0	12000	90	3,54	0,310	0,21
875AA01600F3J8	10	16,0	5/8"	22,6	0,89	14,0	2000	56,0	8000	100	3,94	0,410	0,28
875AA02000F3J8	12	19,0	3/4"	26,0	1,02	10,5	1530	42,0	6000	120	4,72	0,480	0,33
875AA02500F3J8	16	25,0	1"	34,9	1,37	10,5	1530	42,0	6000	150	5,91	0,738	0,50
875AA03200F3J8	20	32,0	1 1/4"	40,3	1,59	7,0	1000	28,0	4000	210	8,27	0,940	0,64
875AA03800F3J8	24	38,0	1 1/2"	47,8	1,88	5,0	730	20,0	2900	430	16,93	1,190	0,80
875AA05100F3J8	32	51,0	2"	61,0	2,40	5,0	730	20,0	2900	550	21,65	1,670	1,13

DN6, 8, 10, 12 according to EN 857 1SC & SAE 100 R17 DN16, 20, 25 according to EN 857 1SC

// XC2 MINETUFF



MSHA

EN 857 2SC - SAE 100 R17

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: smooth up to 1", wrapped over 1". Minetuff abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.

Temperature: -40 °C +100 °C (-40 °F +212 °F)
air max T = +70 °C (+160 °F)

Length: random

Product 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)
859AA00600ERG8	4	6,0	1/4"	13,0	0,51	42,0	6000	168,0	24000	50	1,97	0,260	0,18
859AA00800ERG8	5	8,0	5/16"	14,7	0,58	38,0	5500	152,0	22040	55	2,17	0,312	0,21
859AA01000ERG8	6	10,0	3/8"	16,5	0,65	35,0	5000	140,0	20000	65	2,56	0,362	0,25
859AA01200ERG8	8	13,0	1/2"	20,0	0,79	28,0	4000	112,0	16000	90	3,54	0,502	0,34
859AA01600ERG8	10	16,0	5/8"	23,4	0,92	28,0	4000	112,0	16000	101	3,98	0,598	0,41
859AA02000ERG8	12	19,0	3/4"	27,6	1,09	21,5	3120	86,0	12500	121	4,76	0,740	0,50
859AA02500ERG8	16	25,0	1"	34,7	1,37	21,0	3000	84,0	12000	152	5,98	1,076	0,73

DN6, 8, 10, 12 according to EN 857 2SC DN16, 20 according to EN 857 2SC & SAE 100 R17 DN25 according to SAE 100 R17

// XC2S MINETUFF



MSHA

exceeds EN 857 2SC**Tube:** oil resistant synthetic rubber.**Reinforcement:** two high tensile steel braids.**Cover:** smooth, minetuff abrasion, ozone and hydrocarbon resistant synthetic rubber.**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.**Temperature:** -40 °C +100 °C (-40 °F +212 °F)

air max T = +70 °C (+160 °F)

Length: random

Product 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)
883AA01200F4B8	8	13,0	1/2"	20,5	0,81	35,0	5000	140,0	20000	120	4,72	0,490	0,33
883AA02000F4B8	12	19,0	3/4"	27,6	1,09	28,0	4000	112,0	16000	150	5,91	0,800	0,54
883AA02500F4B8	16	25,0	1"	34,7	1,37	28,0	4000	98,0	14000	300	11,81	1,130	0,76

PRESSURE PERFORMANCE

mm	1SN - 1SC		XC1		2SN - 2SC		XC2		XC2 S		FXP 2	
	WP bar	WP psi	WP bar	WP psi	WP bar	WP psi	WP bar	WP psi	WP bar	WP psi	WP bar	WP psi
6	225	3K	225	3K	400	5,8K	420	6K			420	6K
8	215	3K	215	3K	350	5K	380	5,5K			375	5,4K
10	180	2,6K	210	3K	330	4,8K	350	5K			350	5K
12	160	2,3K	210	3K	275	4K	280	4K	350	5K	310	4,5K
16	130	1,9K	140	2K	250	3,6K	280	4K			280	4K
20	105	1,5K	105	1,5K	215	3K	215	3K	280	4K	240	3,5K
25	88	1,3K	105	1,5K	165	2,4K	210	3K	280	4K	210	3K
32	63	0,9K	70	1K	125	1,8K	140	2K			140	2K
38	50	0,75K	50	0,75K	90	1,3K	105	1,5K			125	1,8K
51	40	0,5K	50	0,75K	80	1,2K	105	1,5K			100	1,5K
63							70	1K			70	1K
76							70	1K			70	1K
102							40	0,5K			40	0,5K

BAND RADIUS

mm	1SN		XC1		2SN		XC2		XC2 S		FXP 2	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
6	100	3,94	50	1,97	100	3,94	50	1,97			50	1,97
8	115	4,53	55	2,17	115	4,53	55	2,17			55	2,17
10	130	5,12	65	2,56	130	5,12	65	2,56			65	2,56
12	180	7,09	90	3,54	180	7,09	90	3,54	120	4,72	90	3,54
16	200	7,87	100	3,94	200	7,87	100	3,94			100	3,94
20	240	9,45	120	4,72	240	9,45	120	4,72	150	5,91	120	4,72
25	300	11,81	150	5,91	300	11,81	150	5,91	300	11,81	150	5,91
32	420	16,54	210	8,27	420	16,54	210	8,27			210	8,27
38	500	19,69	430	16,93	500	19,69	430	16,93			430	16,93
51	630	24,80	550	21,65	630	24,80	550	21,65			550	21,65
63							720	28,35			720	28,35
76							880	34,65			880	34,65
102							980	38,58				

// NEW COMPACT HOSES XC1 AND XC2 - ONE OR TWO STEEL BRAIDS

New compact one and two steel braid hose exceeds EN 857 1SC and EN 857 2SC standards. Specially designed for several applications where high pressures, reduced bend radius, high abrasion and fire resistance are required.

MAIN FEATURES

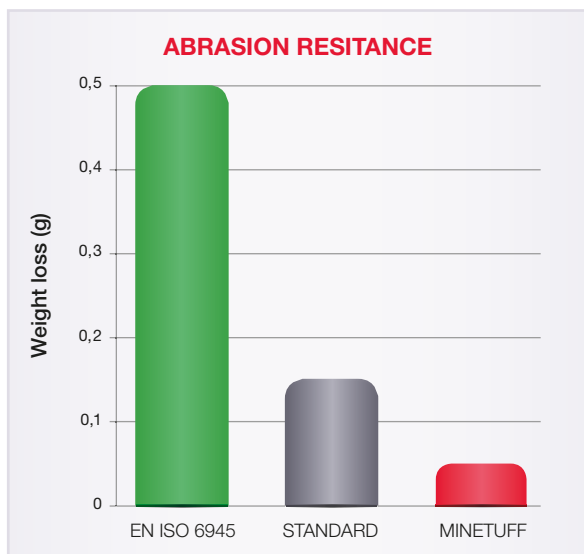
- // Compact construction
- // Superior pressure performance
- // Reduced bend radius
- // Minetuff fire resistant cover (MSHA approved)

// ABRASION RESISTANCE

Test according to EN 853-856-857 Annex A* requirement (weight 25+/-5N) states that the maximum allowed loss of weight is 0,5 g:

- // ALFAGOMMA standard cover:
0,15 g after 2000 cycles
- // Minetuff cover: 0,05 g after 2000 cycles

* ex EN-ISO 6945



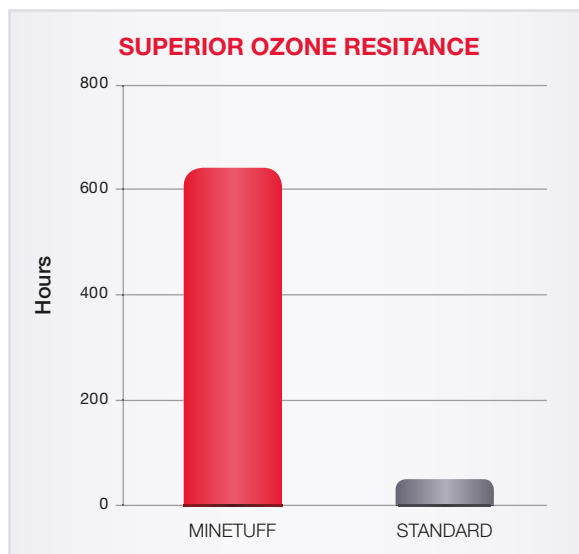
// FLAME RESISTANCE

MINETUFF cover is MSHA (Mine Safety and Health Administration) approved for flame resistance.

// ABRASION RESISTANCE

Test according to EN 27326. **Test Conditions:** -50 pphm Ozone Concentration and T= 40 °C

- // ALFAGOMMA standard cover: 72 hours
- // Minetuff cover: 720 hours



// UV RAYS AND CHEMICAL

MINETUFF cover is resistant to UV, animal fats, acids and any other environmental stress.



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