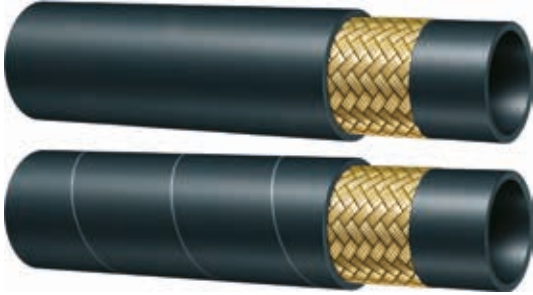


## COMPACT HOSE XC1 - XC2



## // 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
6
8
10
12
16
20
25
32
38
51
63
76
102

1SN - 1SC	
WP bar	WP psi
225	3K
215	3K
180	2,6K
160	2,3K
130	1,9K
105	1,5K
88	1,3K
63	0,9K
50	0,75K
40	0,5K

XC1	
WP bar	WP psi
225	3K
215	3K
210	3K
210	3K
140	2K
105	1,5K
105	1,5K
70	1K
50	0,75K
50	0,75K

2SN - 2SC	
WP bar	WP psi
400	5,8K
350	5K
330	4,8K
275	4K
250	3,6K
215	3K
165	2,4K
125	1,8K
90	1,3K
80	1,2K

XC2	
WP bar	WP psi
420	6K
380	5,5K
350	5K
280	4K
280	4K
215	3K
210	3K
140	2K
105	1,5K
105	1,5K
70	1K
70	1K
40	0,5K

XC2 S	
WP bar	WP psi
350	5K
280	4K
280	4K

FXP 2	
WP bar	WP psi
420	6K
375	5,4K
350	5K
310	4,5K
280	4K
240	3,5K
210	3K
140	2K
125	1,8K
100	1,5K
70	1K
70	1K
40	0,5K

### BAND RADIUS



mm
6
8
10
12
16
20
25
32
38
51
63
76
102

1SN	
mm	inch
100	3,94
115	4,53
130	5,12
180	7,09
200	7,87
240	9,45
300	11,81
420	16,54
500	19,69
630	24,80

XC1	
mm	inch
50	1,97
55	2,17
65	2,56
90	3,54
100	3,94
120	4,72
150	5,91
210	8,27
430	16,93
550	21,65

2SN	
mm	inch
100	3,94
115	4,53
130	5,12
180	7,09
200	7,87
240	9,45
300	11,81
420	16,54
500	19,69
630	24,80

XC2	
mm	inch
50	1,97
55	2,17
65	2,56
90	3,54
100	3,94
120	4,72
150	5,91
210	8,27
430	16,93
550	21,65
720	28,35
880	34,65
980	38,58

XC2 S	
mm	inch
120	4,72
150	5,91
300	11,81

FXP 2	
mm	inch
50	1,97
55	2,17
65	2,56
90	3,54
100	3,94
120	4,72
150	5,91
210	8,27
430	16,93
550	21,65
720	28,35
880	34,65

# // 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

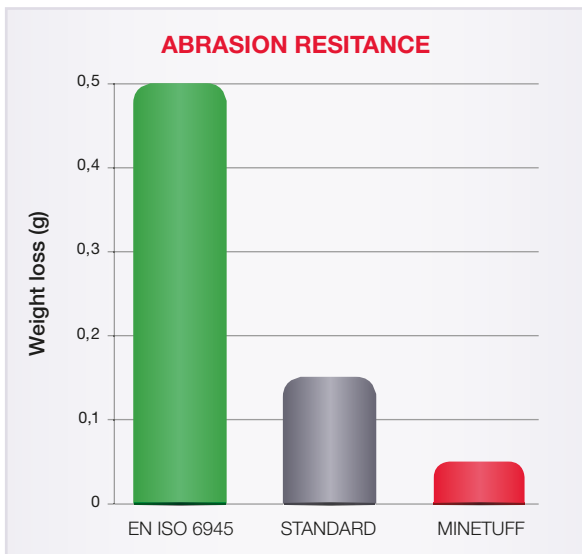
- // Compact construction
- // Superior pressure performance
- // Reduced bend radius
- // Minetuff fire resistant cover (MSHA approved)

## // 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



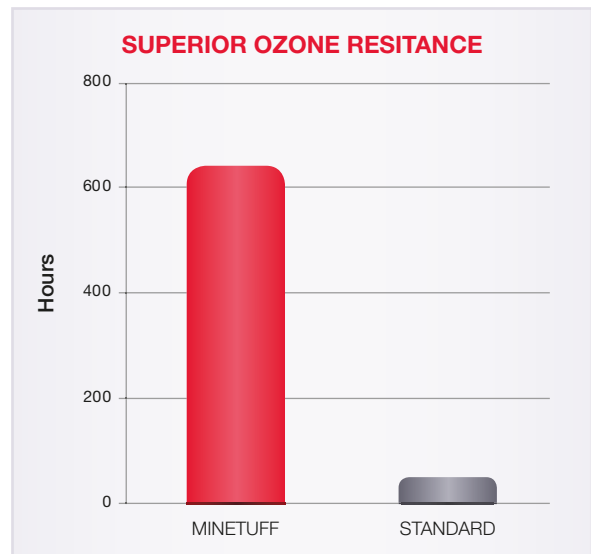
## // FLAME RESISTANCE

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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