

HYDRAULIC HOSE





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// TEXTILE BRAID

// ARGUS 2TE



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.

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

Length: random

DH SCAN crimp short code: 2TE

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001398	8U4AA-04	4	6,0	1/4"	13,1	0,52	7,5	1100	30,0	4300	40	1,57	0,112	0,08
1001399	8U4AA-05	5	8,0	5/16"	14,9	0,59	6,8	986	27,0	3945	50	1,97	0,148	0,10
1001400	8U4AA-06	6	10,0	3/8"	16,5	0,65	6,3	920	25,2	3680	60	2,36	0,163	0,11
1001401	8U4AA-08	8	13,0	1/2"	19,7	0,78	5,8	840	23,2	3360	70	2,76	0,216	0,15
1001402	8U4AA-10	10	16,0	5/8"	23,9	0,94	5,0	730	20,0	2900	90	3,54	0,281	0,19
1001761	8U4AA-12	12	19,0	3/4"	27,0	1,06	4,5	650	18,0	2610	110	4,33	0,350	0,24
1001404	8U4AA-16	16	25,0	1"	34,4	1,35	4,0	600	16,0	2320	150	5,91	0,497	0,34

// 2TE RAILWAY



EN 854 2TE - EN 45545-2

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.

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

Length: random

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1002681	8X2AA-05	5	8,0	5/16"	14,9	0,59	6,8	986	27,0	3945	50	1,97	0,148	0,10
1002682	8X2AA-06	6	10,0	3/8"	16,5	0,65	6,3	920	25,2	3680	60	2,36	0,163	0,11
1002683	8X2AA-08	8	13,0	1/2"	19,7	0,78	5,8	840	23,2	3360	70	2,76	0,206	0,14
1002684	8X2AA-10	10	16,0	5/8"	23,9	0,94	5,0	730	20,0	2900	90	3,54	0,281	0,19
1002685	8X2AA-12	12	19,0	3/4"	27,0	1,06	4,5	650	18,0	2610	110	4,33	0,350	0,24
1002686	8X2AA-16	16	25,0	1"	34,4	1,35	4,0	600	16,0	2320	150	5,91	0,497	0,34

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// WIRE BRAID

// 121T SLIMLINE PLUS - 1SC

**EN 857 1SC - ISO 11237****Tube:** oil resistant synthetic rubber.**Reinforcement:** one high tensile steel braid.**Cover:** 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**DH SCAN crimp short code:** 121B

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000944	121T-04	4	6,0	1/4"	12,1	0,48	22,5	3250	90,0	13000	50	1,97	0,170	0,12
1000948	121T-06	6	10,0	3/8"	15,6	0,61	21,0	3000	84,0	12000	65	2,56	0,260	0,18
1000950	121T-08	8	13,0	1/2"	19,5	0,77	16,0	2320	64,0	9280	90	3,54	0,410	0,28
1000952	121T-10	10	16,0	5/8"	23,0	0,91	13,0	1900	52,0	7560	100	3,94	0,440	0,30
1000954	121T-12	12	19,0	3/4"	26,7	1,05	10,5	1530	42,0	6000	125	4,92	0,570	0,39
1000956	121T-16	16	25,0	1"	34,9	1,37	8,8	1280	35,2	5100	150	5,91	0,740	0,50

// 141T SUPERSLIMLINE

**Tube:** oil resistant synthetic rubber.**Reinforcement:** one high tensile steel braid.**Cover:** 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**DH SCAN crimp short code:** 141T

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001212	141T-04	4	6,0	1/4"	12,0	0,47	28,0	4000	112,0	16000	80	3,15	0,170	0,12
1001112	141T-06	6	10,0	3/8"	15,4	0,61	22,5	3250	90,0	13000	105	4,13	0,260	0,18
1001778	141T-08	8	13,0	1/2"	19,2	0,76	21,0	3000	84,0	12000	120	4,72	0,360	0,25

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// 122T GREENLINE PLUS - 1SN/R1AT



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

Tube: oil resistant synthetic rubber.
Reinforcement: one high tensile steel braid.
Cover: smooth up to 1", wrapped over 1". 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 up to 1" - 61 m max over 1 1/4"
DH SCAN crimp short code: 122T

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1002584	122HF-03	3	5,0	3/16"	11,1	0,44	25,0	3630	100,0	14500	90	3,54	0,160	0,11
1002755	122HF-04	4	6,0	1/4"	13,0	0,51	22,5	3250	90,0	13000	100	3,94	0,198	0,14
1003033	122HF-05	5	8,0	5/16"	14,5	0,57	21,5	3120	86,0	12500	115	4,53	0,236	0,16
1002756	122HF-06	6	10,0	3/8"	17,2	0,68	18,0	2610	72,0	10500	130	5,12	0,313	0,22
1002758	122HF-08	8	13,0	1/2"	20,1	0,79	16,0	2320	64,0	9280	180	7,09	0,367	0,25
1002760	122HF-10	10	16,0	5/8"	23,1	0,91	13,0	1900	52,0	7560	200	7,87	0,466	0,32
1002761	122HF-12	12	19,0	3/4"	27,3	1,07	10,5	1530	42,0	6000	240	9,45	0,555	0,38
1002763	122HF-16	16	25,0	1"	35,2	1,39	8,8	1280	35,2	5100	300	11,81	0,950	0,64
1002765	122HF-20	20	32,0	1 1/4"	42,1	1,66	6,3	920	25,2	3680	420	16,54	1,095	0,74
1001371	122HF-24	24	38,0	1 1/2"	49,2	1,94	5,0	730	20,0	2900	500	19,69	1,411	0,95
1001372	122HF-32	32	51,0	2"	62,4	2,46	4,0	600	16,0	2320	630	24,80	1,864	1,26

// 221T SLIMLINE PLUS - 2SC



EN 857 2SC - ISO 11237

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.
Temperature: -40°C – +100°C (-40°F – +212°F)
 air max T = +70°C (+160°F)
Length: random on Reel Pack.
DH SCAN crimp short code: 221T

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001006	221T-04	4	6,0	1/4"	13,2	0,52	40,0	5850	160,0	23200	50	1,97	0,255	0,18
1001011	221T-06	6	10,0	3/8"	17,0	0,67	33,0	4800	132,0	19200	65	2,56	0,370	0,25
1001015	221T-08	8	13,0	1/2"	20,3	0,80	27,5	4000	110,0	16000	90	3,54	0,470	0,32
1001017	221T-10	10	16,0	5/8"	23,9	0,94	25,0	3630	100,0	14500	100	3,94	0,591	0,40
1001020	221T-12	12	19,0	3/4"	27,9	1,10	21,5	3120	86,0	12500	120	4,72	0,760	0,52
1001022	221T-16	16	25,0	1"	34,6	1,36	16,5	2400	66,0	9600	150	5,91	1,130	0,76

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// 241T SUPERSLIMLINE - HI-TUFF



MSHA

EN 857 2SC (up to 1") - ISO 11237 - SAE 100 R16

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

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

Application: high pressure hydraulic lines, fuel oil, anti-freeze solutions, air and water.

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

Length: random up to 1" - 61 m max over 1"1/4
DH SCAN crimp short code: 241T

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001049	241T-04	4	6,0	1/4"	13,2	0,52	42,0	6000	168,0	24000	50	1,97	0,259	0,18
1001053	241T-05	5	8,0	5/16"	14,8	0,58	37,5	5500	150,0	22000	55	2,17	0,313	0,22
1001056	241T-06	6	10,0	3/8"	17,4	0,69	35,0	5000	140,0	20000	65	2,56	0,382	0,26
1001060	241T-08	8	13,0	1/2"	20,7	0,81	31,0	4500	124,0	18000	90	3,54	0,502	0,34
1001065	241T-10	10	16,0	5/8"	23,7	0,93	28,0	4000	112,0	16000	100	3,94	0,598	0,41
1001068	241T-12	12	19,0	3/4"	27,9	1,10	24,0	3500	96,0	14000	120	4,72	0,821	0,56
1001073	241T-16	16	25,0	1"	35,6	1,40	21,0	3000	84,0	12000	150	5,91	1,266	0,86
1001791	241T-20	20	32,0	1 1/4"	42,2	1,66	14,0	2000	58,0	8400	210	8,27	1,367	0,92
1001792	241T-24	24	38,0	1 1/2"	49,9	1,96	12,5	1820	50,0	7280	430	16,93	1,864	1,26
1001612	241T-32	32	51,0	2"	63,0	2,48	10,0	1500	40,0	5850	550	21,65	2,462	1,66
1002291	241T-40	40	63,0	2 1/2"	76,4	3,01	7,5	1100	30,0	4300	720	28,35	3,300	2,22
1002292	241T-48	48	76,0	3"	90,0	3,54	7,0	1000	28,0	4000	880	34,65	3,850	2,59

// 241T-R SUPERSLIMLINE - HI-TUFF



MSHA

EN 857 2SC (up to 1") - ISO 11237 - SAE 100 R16

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: smooth up to 1", wrapped over 1". 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 up to 1" - 61 m max over 1"1/4
DH SCAN crimp short code: FXP2-R

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1003111	241T-08HP	8	13,0	1/2"	21,0	0,83	35,0	5000	140,0	20000	120	4,72	0,534	0,36
1004915	241T-10HP	10	16,0	5/8"	24,0	0,94	35,0	5000	140,0	20000	135	5,31	0,686	0,47
1001721	241T-12HP	12	19,0	3/4"	50,0	1,97	28,0	4000	112,0	16000	150	5,91	0,831	0,56
1004362	241T-16HP	16	25,0	1"	35,6	1,40	25,0	3630	100,0	14500	152	5,98	1,359	0,92

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

// 222T GREENLINE PLUS - 2SN/R2AT



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

Tube: oil resistant synthetic rubber.
Reinforcement: two high tensile steel braids.
Cover: smooth up to 1", wrapped over 1". 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 up to 1" - 61 m max over 1 1/4"
DH SCAN crimp short code: 222T

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1002769	222HF-04	4	6,0	1/4"	14,5	0,57	40,0	5850	160,0	23200	100	3,94	0,330	0,23
1002770	222HF-05	5	8,0	5/16"	16,1	0,63	35,0	5000	140,0	20000	115	4,53	0,357	0,24
1002773	222HF-06	6	10,0	3/8"	18,5	0,73	33,0	4800	132,0	19200	125	4,92	0,463	0,32
1002776	222HF-08	8	13,0	1/2"	21,4	0,84	27,5	4000	110,0	16000	175	6,89	0,534	0,36
1002778	222HF-10	10	16,0	5/8"	24,6	0,97	25,0	3630	100,0	14500	200	7,87	0,665	0,45
1002780	222HF-12	12	19,0	3/4"	29,0	1,14	21,5	3120	86,0	12500	240	9,45	0,895	0,61
1002782	222HF-16	16	25,0	1"	36,8	1,45	16,5	2400	66,0	9600	300	11,81	1,253	0,85
1002783	222HF-20	20	32,0	1 1/4"	46,4	1,83	12,5	1820	50,0	7280	420	16,54	1,852	1,25
1001382	222HF-24	24	38,0	1 1/2"	52,8	2,08	9,0	1310	36,0	5240	500	19,69	2,086	1,41
1001383	222HF-32	32	51,0	2"	65,6	2,58	8,0	1200	32,0	4640	630	24,80	2,748	1,85

// SP33G SUPERFOREST



Tube: oil resistant synthetic rubber.
Reinforcement: three high tensile steel braids.
Cover: smooth up to 1", wrapped over 1". 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
DH SCAN crimp short code: 33G

Item Code	DFHI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001037	3SPG-06	6	10,0	3/8"	21,1	0,83	50,0	7280	196,0	28000	120	4,72	0,730	0,50
1001038	3SPG-08	8	13,0	1/2"	24,1	0,95	46,9	6800	188,0	27200	160	6,30	0,863	0,58
1001039	3SPG-10	10	16,0	5/8"	27,8	1,09	41,0	6000	164,0	23500	210	8,27	1,084	0,73
1001040	3SPG-12	12	19,0	3/4"	32,2	1,27	37,5	5500	150,0	22000	260	10,24	1,380	0,93
1001041	3SPG-16	16	25,0	1"	39,2	1,54	32,7	4750	130,8	19000	310	12,20	1,882	1,27
1001042	3SPG-20	20	32,0	1 1/4"	45,9	1,81	24,0	3500	96,0	14000	410	16,14	2,310	1,56

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

WIRE SPIRAL - POWERFLEXBIO EXTRA

POWERFLEXBIO EXTRA 3000 - HI-TUFF **NEW**



MSHA

ISO 18752

Tube: petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

Reinforcement: four high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

Temperature: -40°C – +121°C (-40°F – +250°F)

Length: random up to 1" - 61 m max over 1 1/4"

Item Code	DHFI Item code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
	E3KAA-20	20	32,0	1 1/4"	44,9	1,77	21,0	3000	84,0	12000	210	8,27	1,876	1,27
	E3KAA-24	24	38,0	1 1/2"	50,6	1,99	21,0	3000	84,0	12000	250	9,84	2,357	1,59
	E3KAA-32	32	51,0	2"	64,7	2,55	21,0	3000	84,0	12000	318	12,52	3,537	2,38

POWERFLEXBIO EXTRA 4000 - HI-TUFF **NEW**



MSHA

ISO 18752

Tube: petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

Reinforcement: four high tensile steel spirals.

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

Application: very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

Temperature: -40°C – +121°C (-40°F – +250°F)

Length: random up to 1" - 61 m max over 1 1/4"

Item Code	DHFI Item code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
	E4KAA-08	8	13,0	1/2"	22,5	0,89	28,0	4000	112,0	16000	90	3,54	0,624	0,42
	E4KAA-12	12	19,0	3/4"	29,0	1,14	28,0	4000	112,0	16000	120	4,72	0,978	0,66
	E4KAA-16	16	25,0	1"	37,2	1,46	28,0	4000	112,0	16000	150	5,91	1,479	1,00
	E4KAA-20	20	32,0	1 1/4"	44,2	1,74	28,0	4000	112,0	16000	210	8,27	2,214	1,49
	E4KAA-24	24	38,0	1 1/2"	50,6	1,99	29,0	4200	116,0	16800	250	9,84	2,610	1,76
	E4KAA-32	32	51,0	2"	64,7	2,55	28,0	4000	112,0	16000	318	12,52	4,001	2,69

Tuflex version available on request.

The Ultra High Molecular Weight Polyethylene (UHMWPE) cover is specially designed for extreme applications where low friction and very high abrasion or underwater resistance are necessary.

Note: minimum order quantity could apply on specific part numbers.

Previously: 8V7AA-XX

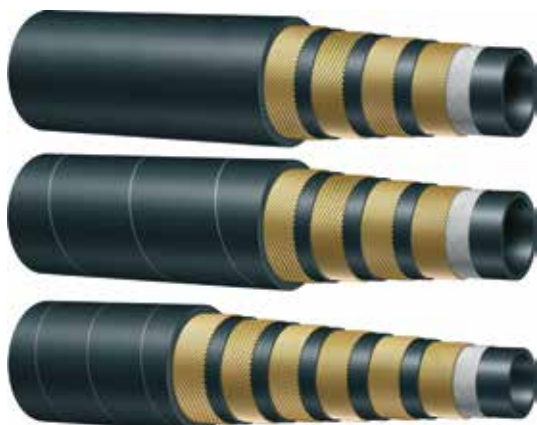
NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// POWERFLEXBIO EXTRA 5000
- HI-TUFF **NEW**

MSHA

ISO 18752



Tube: petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

Reinforcement: four/six high tensile steel spirals.

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

Application: very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

Temperature: -40°C – +121°C (-40°F – +250°F)

Length: random up to 1" - 61 m max over 1 1/4"

Item Code	DHFI Item code	Con-str.	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
			Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
	E5KAA-10	4WS	10	16,0	5/8"	25,4	1,00	35,0	5000	140,0	20000	100	3,94	0,845	0,57
	E5KAA-12	4WS	12	19,0	3/4"	29,4	1,16	35,0	5000	140,0	20000	120	4,72	1,166	0,79
	E5KAA-16	4WS	16	25,0	1"	37,4	1,47	35,0	5000	140,0	20000	150	5,91	1,634	1,10
	E5KAA-20	4WS	20	32,0	1 1/4"	44,0	1,73	35,0	5000	140,0	20000	210	8,27	2,214	1,49
	E5KAA-24	6WS	24	38,0	1 1/2"	54,8	2,16	35,0	5000	140,0	20000	250	9,84	3,924	2,64
	E5KAA-32	6WS	32	51,0	2"	68,7	2,70	35,0	5000	140,0	20000	318	12,52	5,787	3,89

Tuflex version available on request.

The Ultra High Molecular Weight Polyethylene (UHMWPE) cover is specially designed for extreme applications where low friction and very high abrasion or underwater resistance are necessary.

Note: minimum order quantity could apply on specific part numbers.

Previously: 8V2AA-XX

// POWERFLEXBIO EXTRA 5500 -
HI-TUFF **NEW**

MSHA

ISO 18752



Tube: petroleum and biodegradable hydraulic fluid resistant synthetic rubber.

Reinforcement: four high tensile steel spirals. **Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

Temperature: -40°C – +121°C (-40°F – +250°F)

Length: random

Item Code	DHFI Item code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
	E5PAA-12	12	19	3/4"	30,2	1,19	38,0	5500	152,0	22040	120	4,72	1,276	0,86
	E5PAA-16	16	25	1"	37,4	1,47	38,0	5500	152,0	22040	150	5,91	1,817	1,23

Tuflex version available on request.

The Ultra High Molecular Weight Polyethylene (UHMWPE) cover is specially designed for extreme applications where low friction and very high abrasion or underwater resistance are necessary.

Note: minimum order quantity could apply on specific part numbers.

Previously: 8V9AA-XX

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// POWERFLEXBIO EXTRA 6000 -
HI-TUFF **NEW**

MSHA

ISO 18752 - exceeds SAE 100 R15

Tube: petroleum and biodegradable hydraulic fluid resistant synthetic rubber.**Reinforcement:** four/six high tensile steel spirals.**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.**Application:** very high pressure hydraulic lines, fuel, oil, lubricants, antifreeze solution, air and water.

Specially designed for long service life in very demanding applications where compact design, high pulsating pressure and tight bend radius are required.

Temperature: -40°C – +121°C (-40°F – +250°F)**Length:** random up to 1" - 61 m max over 1 1/4"

Item Code	DHFI Item code	Con-str.	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight kg/m	Weight lb/ft
			Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in		
	E6KAA-04	4WS	4	6,0	1/4"	17,0	0,67	45,0	6550	180,0	26200	60	2,36	0,510	0,35
	E6KAA-06	4WS	6	10,0	3/8"	19,8	0,78	44,5	6450	178,0	25800	75	2,95	0,615	0,42
	E6KAA-08	4WS	8	13,0	1/2"	22,5	0,89	42,0	6000	168,0	24000	90	3,54	0,710	0,48
	E6KAA-10	4WS	10	16,0	5/8"	27,8	1,09	42,0	6000	168,0	24000	100	3,94	1,190	0,80
	E6KAA-12	4WS	12	19,0	3/4"	30,6	1,20	42,0	6000	168,0	24000	120	4,72	1,371	0,93
	E6KAA-16	4WS	16	25,0	1"	38,0	1,50	42,0	6000	168,0	24000	150	5,91	1,926	1,30
	E6KAA-20	6WS	20	32,0	1 1/4"	47,6	1,87	42,0	6000	168,0	24000	225	8,86	2,982	2,01
	E6KAA-24	6WS	24	38,0	1 1/2"	54,4	2,14	42,0	6000	168,0	24000	305	12,01	4,155	2,80
	E6KAA-32	6WS	32	51,0	2"	68,7	2,70	42,0	6000	168,0	24000	380	14,96	6,074	4,09

Tuffex version available on request.

The Ultra High Molecular Weight Polyethylene (UHMWPE) cover is specially designed for extreme applications where low friction and very high abrasion or underwater resistance are necessary.

Note: minimum order quantity could apply on specific part numbers.**Previously:** 8V3AA-XX

// TUFLEX

// 241X SUPERSLIMLINE - TUFLEX



MSHA

EN 857 2SC - ISO 11237 - SAE 100 R16

Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber. Special "tuflex" cover for excellent abrasion resistance and long service life in heavy duty applications.

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

DH SCAN crimp short code: 241X

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001077	241X-04	4	6,0	1/4"	13,2	0,52	45,0	6550	180,0	26200	50	1,97	0,275	0,19
1001079	241X-06	6	10,0	3/8"	17,4	0,69	35,0	5000	140,0	20000	65	2,56	0,393	0,27
1001081	241X-08	8	13,0	1/2"	20,6	0,81	31,0	4500	124,0	18000	90	3,54	0,528	0,36
1001082	241X-10	10	16,0	5/8"	23,7	0,93	28,0	4000	112,0	16000	100	3,94	0,622	0,42
1001083	241X-12	12	19,0	3/4"	27,7	1,09	28,0	4000	112,0	16000	120	4,72	0,830	0,56
1001084	241X-16	16	25,0	1"	35,6	1,40	21,0	3000	84,0	12000	150	5,91	1,300	0,88

// POWERFLEXBIO 4000 - TUFLEX



MSHA

EN 18752

Tube: oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement: four high tensile steel spirals.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber. Special "tuflex" cover for excellent abrasion resistance and long service life in heavy duty applications.

Application: developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

Temperature: -40°C – +121°C (-40°F – +250°F)

Length: 61m

DH SCAN crimp short code: PFBT40

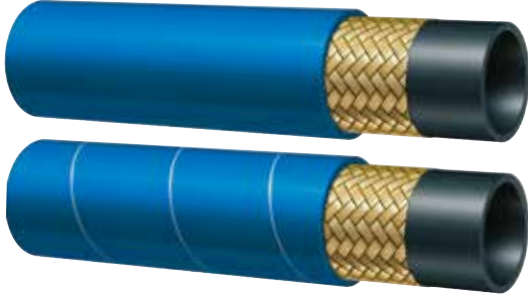
Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1003701	E4KSTAA-24	24	38,0	1 1/2"	51,8	2,04	29,0	4200	116,0	16800	420	16,54	2,981	2,01
1003703	E4KSTAA-32	32	51,0	2"	67,6	2,66	28,0	4000	112,0	16000	630	24,80	4,540	3,06

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// HIGH TEMPERATURE

// COMMANDER 150 1SN PLUS

**SAE 100 R1AT - ISO 1436-1 - UNI EN 853 1SN****Tube:** oil resistant synthetic rubber.**Reinforcement:** one high tensile steel braid.**Cover:** smooth up to 1", wrapped over 1". Blue abrasion, ozone and hydrocarbon resistant synthetic rubber.**Application:** high pressure hydraulic lines, fuel oil, anti-freeze 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"**DH SCAN crimp short code:** 150PLUS-1SN

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1004656	8B6AE-04	4	6,0	1/4"	12,7	0,50	22,5	3250	90,0	13000	100	3,94	0,206	0,14
1004657	8B6AE-06	6	10,0	3/8"	16,6	0,65	18,0	2610	72,0	10500	130	5,12	0,307	0,21
1004658	8B6AE-08	8	13,0	1/2"	19,7	0,78	16,0	2320	64,0	9280	180	7,09	0,379	0,26
1004659	8B6AE-10	10	16,0	5/8"	22,7	0,89	13,0	1900	52,0	7560	200	7,87	0,436	0,30
1004660	8B6AE-12	12	19,0	3/4"	26,9	1,06	10,5	1530	42,0	6000	240	9,45	0,581	0,40
1004661	8B6AE-16	16	25,0	1"	34,8	1,37	8,8	1280	35,2	5100	300	11,81	0,915	0,62
1004662	8B6AE-20	20	32,0	1 1/4"	42,1	1,66	6,3	920	25,2	3680	420	16,54	1,121	0,76
1004663	8B6AE-24	24	38,0	1 1/2"	49,2	1,94	5,0	730	20,0	2900	500	19,69	1,443	0,97
1004664	8B6AE-32	32	51,0	2"	62,4	2,46	4,0	600	16,0	2320	630	24,80	1,911	1,29

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

// LOW TEMPERATURE

// 261E HYPERCOLD SUPERSLIMLINE



Tube: oil resistant ultra low temperature synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: smooth up to 1", wrapped over 1". Oil, water, ozone and ultra low temperature resistant synthetic rubber.

Application: hydraulic system with petroleum or water/glycol based fluids, fuel, lubricating oils. Specially designed for ultra low temperature applications.

Temperature: -55°C – +100°C (-67°F – +212°F)
air max T = +70°C (+160°F)

Length: random

DH SCAN crimp short code: 261E

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001556	261E-04	4	6,0	1/4"	13,2	0,52	42,0	6000	168,0	24000	50	1,97	0,280	0,19
1002432	261E-05	5	8,0	5/16"	14,8	0,58	37,5	5500	150,0	22000	55	2,17	0,310	0,21
1001557	261E-06	6	10,0	3/8"	17,4	0,69	35,0	5000	140,0	20000	65	2,56	0,390	0,27
1001491	261E-08	8	13,0	1/2"	20,7	0,81	31,0	4500	124,0	18000	90	3,54	0,520	0,35
1001941	261E-10	10	16,0	5/8"	23,7	0,93	28,0	4000	112,0	16000	100	3,94	0,600	0,41
1001559	261E-12	12	19,0	3/4"	27,6	1,09	24,0	3500	96,0	14000	120	4,72	0,810	0,55
1001560	261E-16	16	25,0	1"	35,6	1,40	21,0	3000	84,0	12000	150	5,91	1,220	0,82

// SP33E HYPERCOLD SUPERFOREST



Tube: oil resistant ultra low temperature synthetic rubber.

Reinforcement: three high tensile steel braids.

Cover: oil, water, ozone and ultra low temperature resistant synthetic rubber.

Application: hydraulic system with petroleum or water/glycol based fluids, fuel, lubricating oils. Specially designed for ultra low temperature applications.

Temperature: -55°C – +100°C (-67°F – +212°F)
air max T = +70°C (+160°F)

Length: random

DH SCAN crimp short code: SP33E

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001093	3SPE-08	8	13,0	1/2"	24,1	0,95	46,9	6800	188,0	27200	160	6,30	0,892	0,60
1002293	3SPE-10	10	16,0	5/8"	27,8	1,09	41,4	6000	164,0	23500	210	8,27	1,121	0,76
1001094	3SPE-12	12	19,0	3/4"	32,2	1,27	37,5	5500	150,0	22000	260	10,24	1,430	0,97
1001095	3SPE-16	16	25,0	1"	39,2	1,54	33,0	4800	130,8	19000	310	12,20	1,940	1,31

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

OIL RETURN LINES

605AA



MSHA

Fuel-oil S&D 10 bar (150 psi)
ISO 13363/2 A+B - exceeds SAE 100 R4 - SAE J2006/R2

Tube: black conductive NBR.

Reinforcement: high tensile textile cords with embedded steel helix wire.

Cover: black CR - abrasion, ozone, hydrocarbon and flame resistant.

Application: fuel and oil suction and delivery. Specially designed for tank truck and general industrial applications. Also suitable for marine wet exhaust and bilge pump connection.

Temperature: -30°C – +80°C (-22°F – +176°F)

Item Code	DHFI Item Code	ID		OD		WP		BP		BR		Vacuum %	Weight		Length m	Brand
		mm	in	mm	in	bar	psi	bar	psi	mm	in		kg/m	lb/ft		
2001851	18-SG-019	19,0	3/4"	30,0	1,18	10	150	30	450	76	2,99	100,00	0,590	0,40	61,000	AG
2001853	18-SG-025	25,0	1"	36,0	1,42	10	150	30	450	100	3,94	100,00	0,740	0,50	61,000	AG
2001856	18-SG-032	32,0	1 1/4"	43,0	1,69	10	150	30	450	128	5,04	100,00	0,950	0,64	61,000	AG
2001860	18-SG-040	38,0	1 1/2"	49,0	1,93	10	150	30	450	152	5,98	100,00	1,100	0,74	61,000	AG
2001862	18-SG-042	42,0	1 5/8"	53,0	2,09	10	150	30	450	168	6,61	100,00	1,210	0,82	30,500	AG
2001863	18-SG-045	45,0	1 3/4"	56,0	2,20	10	150	30	450	180	7,09	100,00	1,280	0,87	30,500	AG
2001865	18-SG-050	51,0	2"	62,0	2,44	10	150	30	450	204	8,03	100,00	1,430	0,97	30,500	AG
2001867	18-SG-060	60,0	2 3/8"	73,0	2,87	10	150	30	450	240	9,45	100,00	2,010	1,36	30,500	AG
2001868	18-SG-065	63,0	2 1/2"	76,0	2,99	10	150	30	450	252	9,92	90,00	2,100	1,42	30,500	AG
2001870	18-SG-075	76,0	3"	89,0	3,50	10	150	30	450	304	11,97	90,00	2,520	1,70	30,500	AG
2001872	18-SG-090	90,0	3 1/2"	104,0	4,09	10	150	30	450	360	14,17	90,00	3,080	2,07	30,500	AG
2001873	18-SG-100	102,0	4"	116,0	4,57	10	150	30	450	408	16,06	90,00	3,440	2,32	30,500	AG

FLEXOR R4 634



Extra flexible
SAE 100 R4

Tube: oil resistant synthetic rubber.

Reinforcement: high tensile textile cords with embedded steel helix wire.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: fuel, oil and hydraulic fluids with 50% max aromatic content suction and delivery. Specially designed for hydraulic oil return lines requiring tight bend radius.

Temperature: -40°C – +100°C (-40°F – +212°F)

Item Code	DHFI Item Code	ID		OD		WP		BP		BR		Weight		Length m	
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m		lb/ft
1001272	18-634AA-019	12	19,0	3/4"	30,0	1,18	2,1	300	8,4	1200	38	1,50	0,610	0,41	30,500
1001273	18-634AA-025	16	25,0	1"	36,0	1,42	1,7	250	6,8	986	50	1,97	0,760	0,52	30,500
1001275	18-634AA-031	20	32,0	1 1/4"	43,0	1,69	1,4	200	5,6	800	64	2,52	0,930	0,63	30,500
1001278	18-634AA-038	24	38,0	1 1/2"	49,0	1,93	1,0	150	4,0	600	76	2,99	1,080	0,73	30,500
1001280	18-634AA-050	32	51,0	2"	62,0	2,44	0,7	100	2,8	400	102	4,02	1,400	0,95	30,500
1001282	18-634AA-065	40	63,0	2 1/2"	76,0	2,99	0,4	60	1,6	240	125	4,92	2,220	1,50	30,500
1001284	18-634AA-075	48	76,0	3"	89,0	3,50	0,4	60	1,6	240	152	5,98	2,630	1,77	30,500
1001288	18-634AA-100	64	102,0	4"	116,0	4,57	0,2	30	0,8	120	204	8,03	3,910	2,63	30,500

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// FLEXOR R4 644 HT



MSHA

**Extra flexible - High temperature
SAE 100 R4**

Tube: oil resistant synthetic rubber.

Reinforcement: high tensile textile cords with embedded steel helix wire.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.

Application: fuel, oil and hydraulic fluids with 50% max aromatic content suction and delivery. Specially designed for high temperature applications and hydraulic oil return lines requiring tight bend radius.

Temperature: -40°C – +135°C (-40°F – +275°F)

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight	Length
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft	m
1001277	18-644AA-019	12	19,0	3/4"	30,0	1,18	2,1	300	8,4	1200	38	1,50	0,620	0,42	30,500
1001274	18-644AA-025	16	25,0	1"	36,0	1,42	1,7	250	6,8	986	50	1,97	0,770	0,52	30,500
1001196	18-644AA-032	20	32,0	1 1/4"	43,0	1,69	1,4	200	5,6	800	64	2,52	0,950	0,64	30,500
1001279	18-644AA-038	24	38,0	1 1/2"	49,0	1,93	1,0	150	4,0	600	76	2,99	1,100	0,74	30,500
1001281	18-644AA-050	32	51,0	2"	62,0	2,44	0,7	100	2,8	400	102	4,02	1,430	0,97	30,500
1001283	18-644AA-065	40	63,0	2 1/2"	76,0	2,99	0,4	60	1,6	240	126	4,96	2,170	1,46	30,500
1001285	18-644HT-076	48	76,0	3"	89,0	3,50	0,4	60	1,6	240	152	5,98	2,690	1,81	30,500
1001290	18-644HT-102	64	102,0	4"	116,0	4,57	0,2	30	0,8	120	204	8,03	3,530	2,38	30,500

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// PRESSURE WASH

// ALFAJET 210



Tube: oil, detergents and hot water resistant synthetic rubber.

Reinforcement: one high tensile steel braid.

Cover: abrasion, ozone and hydrocarbon resistant blue synthetic rubber, pin-pricked. Black cover also available.

Application: high pressure power cleaners. Specially designed for hot water applications. Not recommended for steam service.

Length: random

DH SCAN crimp short code: AJ210

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000192	8B3AE-04	4	6,0	1/4"	12,1	0,48	21,0	3000	84,0	12000	50	1,97	0,161	0,11
1000185	8B3AE-05	5	8,0	5/16"	14,1	0,56	21,0	3000	84,0	12000	60	2,36	0,184	0,13
1000098	8B3AE-06	6	10,0	3/8"	15,6	0,61	21,0	3000	73,0	10588	65	2,56	0,250	0,17
1000166	8B3AE-08	8	13,0	1/2"	19,5	0,77	21,0	3000	73,0	10588	90	3,54	0,359	0,25

Item codes: blue cover hose.

// ALFAJET 400



Tube: oil, detergents and hot water resistant synthetic rubber.

Reinforcement: two high tensile steel braids.

Cover: abrasion, ozone and hydrocarbon resistant blue synthetic rubber, pin-pricked. Black cover also available.

Application: high pressure power cleaners. Specially designed for hot water applications. Not recommended for steam service.

Length: random

DH SCAN crimp short code: AJ400

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000221	8B4AE-04	4	6,0	1/4"	13,2	0,52	40,0	5850	140,0	20000	70	2,76	0,250	0,17
1000936	8B4AE-06	6	10,0	3/8"	16,7	0,66	40,0	5850	130,0	18900	90	3,54	0,363	0,25
1000218	8B4AE-08	8	13,0	1/2"	20,1	0,79	40,0	5850	120,0	17450	115	4,53	0,477	0,33

Item codes: blue cover hose.

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// ALFAJET 640



Tube: oil, detergents and hot water resistant synthetic rubber.
Reinforcement: two high tensile steel braids.
Cover: abrasion, ozone and hydrocarbon resistant blue synthetic rubber, non pin-pricked.
Application: very high pressure power cleaners. Specially designed for hot water applications. Not recommended for steam service.
Length: random
DH SCAN crimp short code: AJ640

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1004710	8M3AE-06	6	10,0	3/8"	17,0	0,67	64,0	9280	160,0	23200	65	2,56	0,400	0,27

// WATERBLAST - WB10L DH 894A



Tube: oil and water resistant synthetic rubber.
Reinforcement: four high tensile steel spirals.
Cover: oil, water and ozone resistant synthetic rubber.
Application: vey high pressure water jetting.
Temperature: -10°C – +70°C (14°F – +158°F)
Length: multiples of lengths shown in below grid.
DH SCAN crimp short code: WB10L

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight	Length
		Dash	in	mm	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft	m
	894A-06	6	3/8"	10,0	20,6	0,81	70,0	10000	175,0	25000	150	5,91	0,664	0,45	15,250
	894A-08	8	1/2"	13,0	23,5	0,93	70,0	10000	175,0	25000	200	7,87	0,805	0,55	15,250
	894A-08	8	1/2"	13,0	23,5	0,93	70,0	10000	175,0	25000	200	7,87	0,805	0,55	20,000
	894A-12	12	3/4"	19,0	32,2	1,27	70,0	10000	175,0	25000	210	8,27	1,450	0,98	15,250
	894A-12	12	3/4"	19,0	32,2	1,27	70,0	10000	175,0	25000	210	8,27	1,450	0,98	20,000
	894A-16	16	1"	25,0	38,7	1,52	70,0	10000	175,0	25000	320	12,60	2,012	1,36	15,250
	894A-16	16	1"	25,0	38,7	1,52	70,0	10000	175,0	25000	320	12,60	2,012	1,36	20,000

// WATERBLAST - DH 794A



Tube: oil and water resistant synthetic rubber.
Reinforcement: four high tensile steel spirals.
Cover: oil, water and ozone resistant synthetic rubber.
Application: vey high pressure water jetting.
Temperature: -10°C – +70°C (14°F – +158°F)
Length: multiples of lengths shown in below grid.
DH SCAN crimp short code: WB15L

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
	794A-06	6	10,0	3/8"	21,2	0,83	124,0	18000	310,0	45000	150	5,91	0,850	0,58
	794A-08	8	13,0	1/2"	25,8	1,02	110,0	16000	275,0	40000	200	7,87	1,215	0,82
	794A-12	12	19,0	3/4"	32,3	1,27	100,0	14500	250,0	36000	280	11,02	1,683	1,14

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// WATERBLAST - DH 694A

**Tube:** oil and water resistant synthetic rubber.**Reinforcement:** four or six high tensile steel spirals or four high tensile steel spiral and one steel braid.**Cover:** oil, water and ozone resistant synthetic rubber.**Application:** very high pressure water jetting.**Temperature:** -10°C – +70°C (14°F – +158°F)**Length:** multiples of lengths shown in below grid.**DH SCAN crimp short code:** WB20L

Item Code	DHFI Item Code	Constr.	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
			Dash	in	mm	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
	694A-04	4WS	4	1/4"	6,0	16,4	0,65	140,0	20000	350,0	50000	125	4,92	0,574	0,39
	694A-05	4WS	5	5/16"	8,0	17,3	0,68	140,0	20000	350,0	50000	135	5,31	0,660	0,45
	694A-06	4WS+1WB	6	3/8"	10,0	22,5	0,89	140,0	20000	350,0	50000	150	5,91	1,021	0,69
	694A-08	4WS+1WB	8	1/2"	13,0	26,6	1,05	140,0	20000	350,0	50000	200	7,87	1,433	0,97
	694A-12	6WS	12	3/4"	19,0	35,0	1,38	140,0	20000	350,0	50000	300	11,81	2,529	1,70

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

// THERMOPLASTIC

// MINIMESS - TPMM



Pressure test point

Tube: polyester.

Reinforcement: one braid of aramid fiber.

Cover: abrasion, ozone and hydrocarbon resistant polyurethane, pin-pricked.

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

Specially designed for pressure gauges and transducers connections.

Temperature: -40°C – +100°C (-40°F – +212°F)

air max T = +70°C (+160°F)

Length: random

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001178	23-MINIMESS	1	2,0	5/64"	5,0	0,20	63,0	9100	190,0	27300	20	0,79	0,020	0,02

// FLEXOR 7



SAE 100 R7 - EN 855 R7

Tube: polyester.

Reinforcement: one/two high tensile textile braids.

Cover: abrasion, ozone and hydrocarbon resistant polyurethane, pin-pricked.

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

DH SCAN crimp short code: TP066

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000290	23-066-03	3	5,0	3/16"	9,6	0,38	21,0	3000	84,0	12000	25	0,98	0,060	0,05
1000291	23-066-04	4	6,0	1/4"	12,2	0,48	21,0	3000	84,0	12000	35	1,38	0,100	0,07
1000292	23-066-05	5	8,0	5/16"	14,3	0,56	19,0	2750	76,0	11000	45	1,77	0,130	0,09
1000293	23-066-06	6	10,0	3/8"	16,0	0,63	16,0	2320	64,0	9280	55	2,17	0,145	0,10
1000294	23-066-08	8	13,0	1/2"	20,3	0,80	14,0	2000	56,0	8000	75	2,95	0,220	0,15

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// FLEXOR 7 - TWIN



SAE 100 R7 - EN 855 R7

Tube: polyester.**Reinforcement:** one/two high tensile textile braids.**Cover:** abrasion, ozone and hydrocarbon resistant polyurethane, pin-pricked.**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**DH SCAN crimp short code:** TP063

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000298	23-063-04	4	6,0	1/4"	12,2	0,48	21,0	3000	84,0	12000	35	1,38	0,200	0,14
1000299	23-063-05	5	8,0	5/16"	14,3	0,56	19,0	2750	76,0	11000	45	1,77	0,260	0,18
1000300	23-063-06	6	10,0	3/8"	16,0	0,63	16,0	2320	64,0	9280	55	2,17	0,290	0,20
1000301	23-063-08	8	13,0	1/2"	20,3	0,80	14,0	2000	56,0	8000	75	2,95	0,440	0,30

// FLEXOR 8



SAE 100 R8 - EN 855 R8

Tube: polyester.**Reinforcement:** one/two braids of aramid fiber.**Cover:** abrasion, ozone and hydrocarbon resistant polyurethane, pin-pricked.**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**DH SCAN crimp short code:** TP075

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000295	23-107-04	4	6,0	1/4"	11,5	0,45	35,0	5000	140,0	20000	50	1,97	0,085	0,06
1000483	23-107-05	5	8,0	5/16"	13,4	0,53	30,0	4300	120,0	17450	55	2,17	0,105	0,08
1000296	23-107-06	6	10,0	3/8"	15,5	0,61	28,0	4000	112,0	16000	60	2,36	0,135	0,10
1000416	23-107-08	8	13,0	1/2"	19,9	0,78	24,5	3500	98,0	14000	80	3,15	0,200	0,14

// FLEXOR 8 - TWIN



SAE 100 R8 - EN 855 R8

Tube: polyester.**Reinforcement:** one/two braids of aramid fiber.**Cover:** abrasion, ozone and hydrocarbon resistant polyurethane, pin-pricked.**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**DH SCAN crimp short code:** TP175

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001423	23-111-04	4	6,0	1/4"	11,5	0,45	35,0	5000	140,0	20000	50	1,97	0,085	0,06
1001449	23-111-05	5	8,0	5/16"	13,4	0,53	30,0	4300	120,0	17450	55	2,17	0,105	0,08
1001450	23-111-06	6	10,0	3/8"	15,5	0,61	28,0	4000	112,0	16000	60	2,36	0,135	0,10
1001255	23-111-08	8	13,0	1/2"	19,9	0,78	24,5	3500	98,0	14000	80	3,15	0,200	0,14

// FLEXOR HR8 - TWIN



MSHA Hybrid Reinforcement
SAE 100 R8 - EN 855 R8

Tube: polyester.
Reinforcement: one aramid fiber braid and one steel wire braid.
Cover: abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.
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
DH SCAN crimp short code: TP1884

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1003435	23-HR8-10	6	10,0	3/8"	15,8	0,62	28,0	4000	112,0	16000	60	2,36	0,460	0,31

// FLEXOR TWB1



One wire braid
Tube: polyester.
Reinforcement: one high tensile steel braid.
Cover: abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.
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
DH SCAN crimp short code: TP087

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000282	23-087-03	3	5,0	3/16"	9,7	0,38	36,0	5240	144,0	20800	30	1,18	0,120	0,09
1000284	23-087-05	5	8,0	5/16"	13,2	0,52	25,0	3630	100,0	14500	55	2,17	0,190	0,13
1000285	23-087-06	6	10,0	3/8"	15,5	0,61	22,5	3250	90,0	13000	65	2,56	0,230	0,16

// FLEXOR TWB1-CO₂



Tube: polyester.
Reinforcement: one high tensile steel braid.
Cover: abrasion, ozone and hydrocarbon resistant polyurethane, pin-pricked.
Application: high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.
 Specially designed for CO2 applications.
Temperature: -40°C – +100°C (-40°F – +212°F)
 air max T = +70°C (+160°F)
Length: random
DH SCAN crimp short code: TP050

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001469	23-CO2-04	4	6,0	1/4"	11,7	0,46	27,5	4000	110,0	16000	40	1,57	0,155	0,11
1001470	23-CO2-08	8	13,0	1/2"	18,8	0,74	17,5	2500	70,0	10000	85	3,35	0,300	0,21

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// FLEXOR TWB1 - TWIN



One wire braid - Twin

Tube: polyester.

Reinforcement: one high tensile steel braid.

Cover: abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.

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

DH SCAN crimp short code: TP088

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1000289	23-088-04	4	6,0	1/4"	11,7	0,46	31,0	4500	124,0	18000	40	1,57	0,330	0,23
1000288	23-088-05	5	8,0	5/16"	13,2	0,52	25,0	3630	100,0	14500	55	2,17	0,380	0,26
1000287	23-088-06	6	10,0	3/8"	15,5	0,61	22,5	3250	90,0	13000	65	2,56	0,460	0,31
1001167	23-088-08	8	13,0	1/2"	18,8	0,74	19,0	2750	76,0	11000	85	3,35	0,600	0,41

// FLEXOR TWB1 - TRIPLE



Tube: polyester.

Reinforcement: one high tensile steel braid.

Cover: abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.

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

DH SCAN crimp short code: TP089

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001179	23-087T-04	4	6,0	1/4"	11,6	0,46	27,5	4000	110,0	16000	100	3,94	0,330	0,23
1001228	23-087T-06	6	10,0	3/8"	15,5	0,61	21,0	3000	84,0	12000	125	4,92	0,460	0,31

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

// FLEXOR MTKH - TWIN



Heavy Duty

exceeds SAE 100 R8

Tube: polyester.

Reinforcement: one/two aramid fiber braid and one steel wire braid.

Cover: abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.

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

DH SCAN crimp short code: TP150

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001447	23-MTKH-06	6	10,0	3/8"	16,9	0,67	42,0	6000	168,0	24000	60	2,36	0,280	0,19
1001448	23-MTKH-08	8	12,5	1/2"	20,3	0,80	35,0	5000	140,0	20000	80	3,15	0,345	0,24

// OFF-SHORE - ROV OPERATION



Marine high pressure hydraulic - 350 bar (5000 psi)

Tube: oil and biodegradable hydraulic fluid resistant polyamide 11 methanol washed.

Reinforcement: high tensile aramid reinforcement.

Cover: oil, water and ozone resistant polyurethane, non-pin-pricked.

Application: marine and off-shore equipment, ROVs (remotely operated vehicles), BOP valves.

Suitable for off-shore seismic monitoring operations.

Manufactured according to API 17E / ISO 13628-5.

Temperature: -40°C – +100°C (-40°F – +212°F)

air and water max T = +70°C (+160°F)

Length: random

DH SCAN crimp short code: OFSM5K

Item Code	DHFI Item Code	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lb/ft
1003750	23-OFFSHORE-04	6,0	1/4"	12,1	0,48	350	5000	1400	20000	50	1,97	0,090	0,07
1003751	23-OFFSHORE-06	10,0	3/8"	17,1	0,67	350	5000	1400	20000	60	2,36	0,170	0,12
1003752	23-OFFSHORE-08	13,0	1/2"	21,9	0,86	350	5000	1400	20000	80	3,15	0,250	0,17
1003753	23-OFFSHORE-12	19,0	3/4"	29,6	1,17	350	5000	1400	20000	150	5,91	0,400	0,27
1003754	23-OFFSHORE-16	25,0	1"	38,6	1,52	350	5000	1400	20000	250	9,84	0,685	0,47

Recommended fitting: AISI 316 SS NPTF male, JIC female and male // Also available in 3000 psi version.

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// FLEXOR VHP700



Tube: polyester.

Reinforcement: one/two braids of aramid fiber plus one steel wire braid.

Cover: abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.

Application: high pressure systems and pumps; rescue, safety, jacking and rerailing equipments; bolt tensioning tools.

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

Length: random

DH SCAN crimp short code: TP041

Item Code	DHFI Item Code	Constr.	ID		OD		WP		BP		BR		Weight		
			Dash	in	mm	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001237	23-041-04	1TB+1WB	4	1/4"	6,0	12,7	0,50	70,0	10000	280,0	40600	35	1,38	0,120	0,09
1001238	23-041-06	1TB+1WB	6	3/8"	10,0	18,7	0,74	70,0	10000	280,0	40600	90	3,54	0,220	0,15

// FLEXOR 7 - PAINT



SAE 100 R7 - EN 855 R7

Tube: polyamide PA6.

Reinforcement: one/two high tensile textile braids.

Cover: blue abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.

Application: specially designed for airless paint spray applications where high chemical resistance to solvents and aggressive fluids is required.

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

Length: random

DH SCAN crimp short code: TP098

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001168	23-098-03	3	5,0	3/16"	9,6	0,38	21,0	3000	84,0	12000	25	0,98	0,060	0,05
1001169	23-098-04	4	6,0	1/4"	12,2	0,48	21,0	3000	84,0	12000	35	1,38	0,095	0,07
1001225	23-098-06	6	10,0	3/8"	16,0	0,63	16,0	2320	64,0	9280	55	2,17	0,140	0,10
1001209	23-098-08	8	13,0	1/2"	20,3	0,80	14,0	2000	56,0	8000	75	2,95	0,210	0,15

// FLEXOR TWB1 - PAINT



Tube: polyamide PA6.

Reinforcement: one high tensile steel braid.

Cover: blue abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.

Application: specially designed for airless paint spray applications where high chemical resistance to solvents and aggressive fluids is required. Conductive.

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

Length: random

DH SCAN crimp short code: TP083

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001156	23-083-03	3	5,0	3/16"	9,7	0,38	36,0	5240	144,0	20800	30	1,18	0,120	0,09
1001157	23-083-04	4	6,0	1/4"	11,7	0,46	31,0	4500	124,0	18000	40	1,57	0,150	0,11
1001158	23-083-06	6	10,0	3/8"	15,5	0,61	22,5	3250	90,0	13000	65	2,56	0,225	0,16
1001159	23-083-08	8	13,0	1/2"	18,8	0,74	19,0	2750	76,0	11000	85	3,35	0,295	0,20

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// FLEXOR TWB2 - PAINT



Tube: polyamide PA6.

Reinforcement: two high tensile steel braids.

Cover: blue abrasion, ozone and hydrocarbon resistant polyurethane, non pin-pricked.

Application: specially designed for airless paint spray applications where high chemical resistance to solvents and aggressive fluids is required. Conductive.

Temperature: -40°C – +100°C (-40°F – +212°F)

air max T = +70°C (+160°F)

Length: random

DH SCAN crimp short code: TP081

Item Code	DHFI Item Code	ID	ID	ID	OD	OD	WP	WP	BP	BP	BR	BR	Weight	Weight
		Dash	mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1001211	23-TWB2P-04	4	6,0	1/4"	12,8	0,50	42,5	6100	170,0	24400	40	1,57	0,240	0,17
1001226	23-TWB2P-04	6	10,0	3/8"	16,8	0,66	35,0	5000	140,0	20000	65	2,56	0,370	0,25
1001321	23-TWB2P-04	8	13,0	1/2"	20,2	0,80	30,0	4300	120,0	17450	85	3,35	0,445	0,30

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

Design and dimensions shown may be changed without prior notice.

// PTFE

// 9TS OM


Smooth PTFE Stainless Steel braid - Standard duty exceeds SAE 100 R14

Tube: smooth PTFE - high mechanical and vibration resistance, low permeability, dielectrical, fire resistant, food grade (FDA, DVGW, BFR compliant). Chemically inert, non sticking, ozone and weather resistant.

Reinforcement: high tensile stainless steel braid AISI 304.

Application: compressed air, gas, steam, fuel, oil, chemical and pharmaceutical products, particularly suitable for steam piping on injection moulding machines, diathermic oil installations, charging lines for cryogenic gas, compressor discharge lines, automotive, pharmaceutical and food sectors. Solvents, pigments and paint transfer lines. Hydraulic lines in power steering marine applications.

Not suitable for molten alkali metals and halogens at high temperature.

Temperature: -60°C – +260°C (-76°F – +500°F)

DH SCAN crimp short code: 9TS

Item Code	DHFI Item Code	ID	ID	OD	Innertube T	WP	WP	BR	BR	Weight
		mm	in			Mpa	psi			
2600557	11-6010-03	5,0	3/16"	7,9	0,89	27,6	4000	51	2,01	0,090
2600558	11-6010-04	6,0	1/4"	8,6	0,64	24,1	3500	76	2,99	0,090
2600559	11-6010-05	8,0	5/16"	11,1	0,64	20,7	3000	102	4,02	0,130
2600560	11-6010-06	10,0	3/8"	12,7	0,64	18,3	2600	127	5,00	0,150
2600561	11-6010-08	13,0	1/2"	15,4	0,76	16,1	2300	140	5,51	0,200
2600562	11-6010-10	16,0	5/8"	18,4	0,89	13,8	2000	165	6,50	0,270
2600563	11-6010-12	19,0	3/4"	22,1	0,89	11,4	1600	203	7,99	0,330
2600564	11-6010-16	25,0	1"	29,8	1,1	6,9	1000	305	12,01	0,520

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

// 9TC OM TUBIFLEX

**Convoluted PTFE Stainless Steel braid**

Tube: convoluted PTFE - high mechanical and vibration resistance, low permeability, dielectrical, fire resistant, food grade (FDA, DVGW, BFR compliant). Chemically inert, non sticking, ozone and weather resistant.

Reinforcement: high tensile stainless steel braid AISI 304.

Application: compressed air, gas, steam, fuel, oil, chemical and pharmaceutical products, particularly suitable for steam piping on injection moulding machines, diathermic oil installations, charging lines for cryogenic gas, compressor discharge lines, automotive, pharmaceutical and food sectors. Solvents, pigments and paint transfer lines. Hydraulic lines in power steering marine applications.

Not suitable for molten alkali metals and halogens at high temperature.

Temperature: -60°C – +260°C (-76°F – +500°F)

DH SCAN crimp short code: 9TC

Item Code	DHFI Item Code	ID	ID	OD	Innertube T	WP	WP	BR	BR	Weight
		mm	in	mm		mm	psi	mm	in	
	11-8850T06	10,00	3/8"	14,30		5,00		30,00		0,11
	11-8850T-08	13,2	1/2"	17,5		5,0		50		0,140
	11-8850T-10	16,0	5/8"	21,8		4,0		55		0,205
	11-8850T-12	19,5	3/4"	25,5		3,0		60		0,250
	11-8850T-16	25,5	1"	31,5		2,0		75		0,320
	11-8850T-20	32,0	1 1/4"	38,0		1,0		115		0,385
	11-8850T-24	38,5	1 1/2"	44,5		0,5		170		0,460
	11-8850T-32	51,0	2"	57,0		0,4		200		0,580

NOTE! PRODUCTS OPEN, PRODUCTS OPENED IF REQUIRED.

// DUNLOP HIFLEX SUOMESSA JA VIROSSA

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DUNLOP HIFLEX KOUVOLA

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DUNLOP HIFLEX MIKKELI

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puh. 020 762 5850

DUNLOP HIFLEX PIRKKALA

– Keskusvarasto / Myymälä
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DUNLOP HIFLEX TURKU

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DUNLOP HIFLEX VANTAA | Petikko

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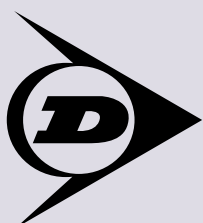
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