



Tub-Flex



TRACTOR®/1T

EN 853 1SN

PART. REF.	HOSE SIZE	R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING
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	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H02004005	5	-3	3/16"	9,5	0,37	11,5	0,45	250	3620	1000	14500	89	3,50	195	0,13	MF+M03400-03
H02004A06	6	-4	1/4"	11,2	0,44	13,2	0,52	225	3260	900	13050	100	3,94	220	0,15	MF+M03400-04
H02004008	8	-5	5/16"	12,8	0,50	14,8	0,58	215	3110	850	12320	114	4,49	270	0,18	MF+M03400-05
H02004010	10	-6	3/8"	15,1	0,59	17,1	0,67	180	2610	720	10440	127	5,00	340	0,23	MF+M03400-06
H02004012	12	-8	1/2"	18,1	0,71	20,1	0,79	160	2320	640	9280	178	7,01	410	0,27	MF+M03400-08
H01006016	16	-10	5/8"	21,3	0,84	23,3	0,92	130	1880	520	7540	200	7,87	510	0,34	MF+M03400-10
H01006019	19	-12	3/4"	25,3	1,00	27,3	1,07	105	1520	420	6090	240	9,45	620	0,42	MF+M03400-12
H01006025	25	-16	1"	33,1	1,30	35,1	1,38	88	1270	350	5070	300	11,81	930	0,62	MF+M03400-16
H01006032	31	-20	1.1/4"	40,6	1,60	43,3	1,70	63	910	250	3620	419	16,50	1250	0,84	MF+M03400-20
H01006040	38	-24	1.1/2"	47,0	1,85	49,7	1,96	50	720	200	2900	500	19,69	1600	1,07	MF+M03400-24
H01006051	51	-32	2"	60,4	2,38	63,1	2,48	40	580	160	2320	630	24,80	2200	1,47	MF+M03400-32
H01006060	60	-38	2.3/8"	68,8	2,71	71,5	2,81	50	720	200	2900	650	25,59	2245	1,50	MF+M03400-38

KEY PERFORMANCE

EN/DIN rated working pressure = Smooth cover FRAS approved (DN5÷12)

MAIN APPLICATIONS

Low-medium pressure lines, return lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°C / +100°C
-40°F / +212°F

MAX OPERATING TEMPERATURE

121°C / 250°F (intermittent service)

RECOMMENDED FLUIDS

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

REMARK

Halogen-Free hose line

INSERT:

MF2000* - MULTIFIT TYPE

TUBE:

Oil resistant synthetic rubber

REINFORCEMENT:

1 high tensile steel braid (1WB)

COVER:

Environment resistant synthetic rubber

APPLICABLE SPECS.:

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

TYPE APPROVALS:

ABS, BV (DN 5÷51), DNV, FRAS (DN 5÷12), GL (DN 5÷51), GOST-R, KRS, LR

Flexible homologué Feu selon TAC BUREAU VERITAS +800°C /30 min :

Rules BV for the classification of ships part C § 2.6.4

ISO15640 / ISO15641 « ships and marine technology- fire resistance of hoses assemblies





Tub-Flex



ROCKMASTER®/1SN

ABRASION, WEATHER & HEAT RESISTANCE

PART. REF.	HOSE SIZE	R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING
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	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H01007006	6	-4	1/4"	11,0	0,43	13,0	0,51	225	3260	1000	14500	100	3,94	240	0,16	MF+M03400-04
H01007008	8	-5	5/16"	12,6	0,50	14,6	0,57	215	3110	950	13770	114	4,49	255	0,17	MF+M03400-05
H01007010	10	-6	3/8"	15,0	0,59	17,0	0,67	180	2610	800	11600	127	5,00	360	0,24	MF+M03400-06
H01007012	12	-8	1/2"	18,1	0,71	20,1	0,79	160	2320	680	9860	178	7,01	450	0,30	MF+M03400-08
H01007016	16	-10	5/8"	21,3	0,84	23,3	0,92	130	1880	600	8700	200	7,87	510	0,34	MF+M03400-10
H01007019	19	-12	3/4"	25,3	1,00	27,3	1,07	105	1520	500	7250	240	9,45	610	0,41	MF+M03400-12
H01007025	25	-16	1"	33,1	1,30	35,1	1,38	90	1300	360	5220	300	11,81	920	0,62	MF+M03400-16
H01007032	31	-20	1.1/4"	40,6	1,60	43,3	1,70	65	940	260	3770	419	16,50	1250	0,84	MF+M03400-20
H01007040	38	-24	1.1/2"	47,0	1,85	49,7	1,96	50	720	260	3770	500	19,69	1600	1,07	MF+M03400-24
H01007051	51	-32	2"	60,4	2,38	63,1	2,48	40	580	250	3620	630	24,80	2200	1,47	MF+M03400-32
H01007060	60	-38	2.3/8"	68,8	2,71	71,5	2,81	50	720	200	2900	650	25,59	2210	1,48	MF+M03400-38

KEY PERFORMANCE

Superior abrasion resistance • High ozone and weather resistance • Flame resistance to a wide range of spec • Antistatic and antitoxic cover

MAIN APPLICATIONS

Low-medium pressure lines, return lines, in heavy duty environmental conditions, specific installations with severe abrasion conditions, marine applications, underground and open pit mining

CONTINUOUS SERVICE TEMPERATURE RANGE
-40°C / +100°C
-40°F / +212°F

MAX OPERATING TEMPERATURE
+125°C / +257°F (intermittent service)

RECOMMENDED FLUIDS

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

INSERT:

MF2000* - MULTIFIT TYPE

TUBE:

Oil resistant synthetic rubber

REINFORCEMENT:

1 high tensile steel braid (1WB)

COVER:

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS.: Exceed EN 853 1SN - SAE 100 R1AT - ISO 1436-1 1SN/R1AT

TYPE APPROVALS:

DNV, DNV MED (DN 5÷16), FRAS, GOST-R, LOBA, MSHA

Flexible homologué Feu selon TAC BUREAU VERITAS +800°C /30 min :

Rules BV for the classification of ships part C § 2.6.4

ISO15640 / ISO15641 « ships and marine technology- fire resistance of hoses assemblies





Tub-Flex

TRACTOR®/2T

EN 853 2SN



PART. REF.	HOSE SIZE	R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING
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	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H01027005	5	-3	3/16"	11,3	0,44	13,3	0,52	415	6010	1650	23920	89	3,50	315	0,21	MF+M03400-03
H01027006	6	-4	1/4"	12,7	0,50	14,7	0,58	400	5800	1600	23200	100	3,94	360	0,24	MF+M03400-04
H01027008	8	-5	5/16"	14,3	0,56	16,3	0,64	350	5070	1400	20300	114	4,49	400	0,27	MF+M03400-05
H01027010	10	-6	3/8"	16,7	0,66	18,7	0,74	330	4780	1320	19140	127	5,00	510	0,34	MF+M03400-06
H01027012	12	-8	1/2"	19,8	0,78	21,8	0,86	275	3980	1100	15950	178	7,01	620	0,42	MF+M03400-08
H01027016	16	-10	5/8"	23,0	0,91	25,0	0,98	250	3620	1000	14500	200	7,87	715	0,48	MF+M03400-10
H01027019	19	-12	3/4"	27,0	1,06	29,0	1,14	215	3110	860	12470	240	9,45	955	0,64	MF+M03400-12
H01027025	25	-16	1"	34,8	1,37	36,8	1,45	165	2390	660	9570	300	11,81	1320	0,88	MF+M03400-16
H01027032	31	-20	1.1/4"	44,3	1,74	47,0	1,85	125	1810	500	7250	419	16,50	1965	1,32	MF+M03400-20
H01027040	38	-24	1.1/2"	50,7	2,00	53,4	2,10	90	1300	360	5220	500	19,69	2265	1,52	MF+M03400-24
H01027051	51	-32	2"	63,5	2,50	66,2	2,61	80	1160	320	4640	630	24,80	3115	2,09	MF+M03400-32
H01027060	60	-38	2.3/8"	68,8	2,71	71,5	2,81	90	1300	360	5220	650	25,59	2660	1,78	MF+M03400-38

KEY PERFORMANCE

EN/DIN rated working pressure • Wide range of type approvals available

MAIN APPLICATIONS
Medium-high pressure lines

CONTINUOUS SERVICE TEMPERATURE RANGE
-40°C / +100°C
-40°F / +212°F

MAX OPERATING TEMPERATURE
121°C / 250°F (intermittent service)

RECOMMENDED FLUIDS
Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

REMARK
Halogen-Free hose line

INSERT:

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: 2 high tensile steel braids (2WB)

COVER: Environment resistant synthetic rubber

APPLICABLE SPECS.: EN 853 2SN - SAE 100 R2AT - ISO 1436-1
2SN/R2AT

TYPE APPROVALS: ABS, BV (DN 5÷51), DNV, GL, GOST-R, KRS, LR

Flexible homologué Feu selon TAC BUREAU VERITAS +800°C /30 min :

Rules BV for the classification of ships part C § 2.6.4

ISO15640 / ISO15641 « ships and marine technology- fire resistance of hoses assemblies





Tub-Flex

ROCKMASTER® /2SN

ABRASION, WEATHER & HEAT RESISTANCE



PART. REF.	HOSE SIZE	R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING
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	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H01038006	6	-4	1/4"	12,7	0,50	14,7	0,58	400	5800	1750	25370	50	1,97	360	0,24	MF+M03400-04
H01038008	8	-5	5/16"	14,3	0,56	16,3	0,64	350	5070	1480	21460	60	2,36	395	0,26	MF+M03400-05
H01038010	10	-6	3/8"	16,7	0,66	18,7	0,74	350	5070	1400	20300	70	2,76	505	0,34	MF+M03400-06
H01038012	12	-8	1/2"	19,8	0,78	21,8	0,86	350	5070	1400	20300	89	3,50	640	0,43	MF+M03400-08
H01038016	16	-10	5/8"	23,0	0,91	25,0	0,98	250	3620	1020	14790	100	3,94	710	0,48	MF+M03400-10
H01038019	19	-12	3/4"	27,0	1,06	29,0	1,14	215	3110	900	13050	130	5,12	945	0,63	MF+M03400-12
H01038025	25	-16	1"	34,8	1,37	36,8	1,45	175	2530	700	10150	160	6,30	1305	0,87	MF+M03400-16
H01038032	31	-20	1 1/4"	44,3	1,74	47,0	1,85	140	2030	560	8120	419	16,50	1940	1,30	MF+M03400-20
H01038040	38	-24	1 1/2"	50,7	2,00	53,4	2,10	100	1450	500	7250	500	19,69	2245	1,50	MF+M03400-24
H01038051	51	-32	2"	63,5	2,50	66,2	2,61	90	1300	420	6090	630	24,80	3085	2,07	MF+M03400-32
H01038060	60	-38	2 3/8"	68,8	2,71	71,5	2,81	90	1300	360	5220	650	25,59	2635	1,77	MF+M03400-38

KEY PERFORMANCE

Superior abrasion resistance • High ozone and weather resistance • Flame resistance to a wide range of spec. Antistatic and antitoxic cover • Over standard pressure resistance

MAIN APPLICATIONS

Medium-high pressure lines in heavy duty environmental conditions, specific installations with severe abrasion conditions, marine applications, underground and open pit mining

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°C / +100°C
-40°F / +212°F

MAX OPERATING TEMPERATURE

+125°C / +257°F (intermittent service)

RECOMMENDED FLUIDS

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

INSERT:

TUBE:

REINFORCEMENT:

COVER:

APPLICABLE SPECS.:

TYPE APPROVALS:

MF2000* - MULTIFIT TYPE

Oil resistant synthetic rubber

2 high tensile steel braids (2WB)

Synthetic rubber with high ozone, weather and heat resistance

Exceed EN 853 2SN - SAE 100 R2AT - ISO 1436-1 2SN/R2AT

DNV, DNV MED (DN 5÷16), FRAS, GOST-R, LOBA, MSHA, RINA (DN 38÷51),

BS (DN 6÷60)

Flexible homologué Feu selon TAC BUREAU VERITAS +800°C /30 min :

Rules BV for the classification of ships part C § 2.6.4

ISO15640 / ISO15641 « ships and marine technology- fire resistance of hoses assemblies





Tub-Flex

ROCKMASTER®/2SC

ABRASION, WEATHER & HEAT RESISTANCE



PART. REF.	HOSE SIZE	R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING
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	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H01030005	5	-3	3/16"	9,7	0,38	11,5	0,45	420	6090	2000	29000	40	1,57	215	0,14	MF+M03400-03
H01030006	6	-4	1/4"	11,3	0,44	13,1	0,52	400	5800	1850	26820	45	1,77	265	0,18	MF+M03400-04
H01030008	8	-5	5/16"	12,9	0,51	14,7	0,58	350	5070	1700	24650	55	2,17	320	0,21	MF+M03400-05
H01030010	10	-6	3/8"	15,0	0,59	16,8	0,66	330	4780	1500	21750	65	2,56	390	0,26	MF+M03400-06
H01030012	12	-8	1/2"	18,5	0,73	20,3	0,80	275	3980	1220	17690	80	3,15	490	0,33	MF+M03400-08
H01030016	16	-10	5/8"	21,8	0,86	23,6	0,93	250	3620	1050	15220	90	3,54	590	0,40	MF+M03400-10
H01030019	19	-12	3/4"	25,6	1,01	27,6	1,09	245	3550	980	14210	120	4,72	795	0,53	MF+M03400-12
H01030025	25	-16	1"	33,0	1,30	35,2	1,39	210	3040	840	12180	150	5,91	1160	0,78	MF+M03400-16
H01030031	31	-20	1 1/4"	41,1	1,62	43,6	1,72	140	2030	560	8120	250	9,84	1555	1,04	MF+M03400-20
H01030038	38	-24	1 1/2"	47,7	1,88	50,7	2,00	100	1450	400	5800	300	11,81	1845	1,24	MF+M03400-24
H01030051	51	-32	2"	60,4	2,38	63,4	2,50	90	1300	360	5220	400	15,75	2375	1,59	MF+M03400-32
H01030063	63	-40	2 1/2"	73,0	2,87	76,0	2,99	70	1010	300	4350	760	29,92	2955	1,98	MF+M03400-40
H01030076	76	-48	3"	87,8	3,46	90,5	3,56	45	650	180	2610	900	35,43	3155	2,11	MF+M03400-48

KEY PERFORMANCE

Superior abrasion resistance • High ozone and weather resistance • Flame resistance to a wide range of spec. Antistatic and antitoxic cover • Working pressure improvement • Range extension to DN 76 • Vacuum resistance with SAE R4 performance approved on sizes up to DN76

MAIN APPLICATIONS

Medium-high pressure lines with installation constraints in heavy duty environmental conditions, specific installations with severe abrasion conditions, marine applications, underground and open pit mining, return and suction lines

CONTINUOUS SERVICE TEMPERATURE RANGE
-40°C / +100°C
-40°F / +212°F

MAX OPERATING TEMPERATURE
+125°C / +257°F (intermittent service)

RECOMMENDED FLUIDS

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

INSERT:

MF2000* - MULTIFIT TYPE

TUBE:

Oil resistant synthetic rubber

REINFORCEMENT:

2 high tensile steel braids (2WB)

COVER:

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS.:

Exceed EN 857-2SC - ISO 11237-1 2SC, SAE 100 R 16S; in addition: DN 25 SAE 100 R17, ISO 11237-1 R17

TYPE APPROVALS:

GOST-R, LOBA (DN 5÷25), LR, MSHA, RINA (DN 6÷31), (DN 5÷76)

Flexible homologué Feu selon TAC BUREAU VERITAS +800°C /30 min :

Rules BV for the classification of ships part C § 2.6.4

ISO15640 / ISO15641 « ships and marine technology- fire resistance of hoses assemblies





Tub-Flex



GOLDEN SPIR®/4SP
EN 856 4SP

PART. REF.	HOSE SIZE	R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING
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	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H10009006	6	-4	1/4"	14,7	0,58	17,6	0,69	485	7030	2400	34800	100	3,94	605	0,41	MF+M00910-04
H10009010	10	-6	3/8"	17,6	0,69	21,1	0,83	450	6520	2000	29005	110	4,33	770	0,52	MF+M00910-06
H10009012	12	-8	1/2"	20,3	0,80	24,3	0,96	420	6090	1750	25370	120	4,72	925	0,62	MF+M00910-08
H10009016	16	-10	5/8"	23,7	0,93	27,9	1,10	380	5510	1600	23200	140	5,51	1145	0,77	MF+M00910-10
H10009019	19	-12	3/4"	28,2	1,11	31,9	1,26	380	5510	1600	23200	170	6,69	1510	1,01	MF+M00920-12
H10009025	25	-16	1"	35,0	1,38	39,0	1,54	320	4640	1400	20300	340	13,39	1970	1,32	MF+M00920-16

KEY PERFORMANCE

Approved at 1.000.000 impulse cycles • Over standard pressure resistance • biological and mineral oils compatibility.

MAIN APPLICATIONS

Very high pressure power lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°C / +100°C

-40°F / +212°F

MAX OPERATING TEMPERATURE

257°F / 125°C (intermittent service)

RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester based oils (up to 212°F / 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water

REMARK

Halogen-Free hose line

INSERT:

TUBE:

REINFORCEMENT:

COVER:

APPLICABLE SPECS.:

TYPE APPROVALS:

MF2000* - MULTIFIT TYPE

Oil resistant synthetic rubber

4 high tensile steel spirals (4WS)

Environment resistant synthetic rubber

EN 856 4SP - ISO 3862-1 4SP

ABS, BV, DNV, GL, GOST R, KRS, LR

BWB Approval available upon request

Flexible homologué Feu selon TAC BUREAU VERITAS +800°C /30 min :

Rules BV for the classification of ships part C § 2.6.4

ISO15640 / ISO15641 « ships and marine technology- fire resistance of hoses assemblies





Tub-Flex

GOLDENSPIR®/4SH

EN 856 4SH



PART. REF.	HOSE SIZE															
			R.O.D.	O.D.	MAX W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	FITTING							
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H10040019	19	-12	3/4"	28,2	1,11	31,9	1,26	420	6090	1750	25370	210	8,27	1520	1,02	IP + M01500-12
H10040025	25	-16	1"	35,1	1,38	38,1	1,50	385	5580	1750	25370	220	8,66	2070	1,39	IP + M01500-16
H10040032	31	-20	1.1/4"	42,2	1,66	45,0	1,77	350	5070	1400	20300	420	16,50	2450	1,65	IP + M01500-20
H10040040	38	-24	1.1/2"	49,1	1,93	53,1	2,09	300	4350	1250	18120	560	22,05	3200	2,15	IP + M01500-24
H10040051	51	-32	2"	63,5	2,50	67,5	2,66	250	3620	1000	14500	700	27,56	4500	3,02	IP + M01500-32

KEY PERFORMANCE

Approved at 1.000.000 flexing impulse cycles • Over standard pressure resistance • biological and mineral oils compatibility.

MAIN APPLICATIONS

Very high pressure power lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°C / +100°C
-40°F / +212°F

MAX. OPERATING TEMPERATURE

125°C / 257°F (intermittent service)

RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic esterbased oils (up to 212°F / 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water

INSERT:

MF2000® - INTERLOCK PLUS TYPE

TUBE:

Oil resistant synthetic rubber

REINFORCEMENT:

4 high tensile steel spirals (4WS)

COVER:

Environment resistant synthetic rubber

APPLICABLE SPECS.:

EN 856 4SH - ISO 3862 4SH

TYPE APPROVALS:

ABS, BV, DNV, GL, GOST R, KRS, LR

DWD Approval available upon request

Flexible homologué Feu selon TAC BUREAU VERITAS +800°C /30 min :

Rules BV for the classification of ships part C § 2.6.4

ISO15640 / ISO15641 « ships and marine technology- fire resistance of hoses assemblies

