

TRACTOR/1SC

INTEGRATED, RELIABLE HOSE ASSEMBLY



KEY FEATURES

- High flexibility and excellent bend radius
- Low weight
- Flame retardant property of the cover compound, MSHA approved
- Halogen-Free hose line
- Vacuum resistance with SAE 100 R4 performance approved on sizes up to DN 31
- Range extension to DN 76

APPLICATIONS & FLUIDS

- **Hydraulics:** low-medium pressure lines with installation constraints, pilot lines, return lines (suction lines: sizes lower or equal to DN 31)
- Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

TECHNICAL DATA

PART. REF.	HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST		MIN. BEND		WEIGHT		FITTINGS	
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	Std1	Std2
H01013006*	6	- 4	1/4"	10,2	0,40	12,0	0,47	225	3260	1050	15220	50	1,97	185	0,12	MF+M03300-04	MF+M00120-04
H01013008*	8	- 5	5/16"	11,5	0,45	13,6	0,54	215	3110	1000	14500	55	2,17	215	0,14	MF+M03300-05	MF+M00120-05
H01013010*	10	- 6	3/8"	13,6	0,54	15,5	0,61	180	2610	850	12320	60	2,36	265	0,18	MF+M03300-06	MF+M00120-06
H01013012*	12	- 8	1/2"	17,1	0,67	18,9	0,74	160	2320	660	9570	70	2,76	335	0,23	MF+M00820-08	MF+M00120-08
H01013016*	16	- 10	5/8"	20,6	0,81	22,4	0,88	130	1880	620	8990	90	3,54	445	0,30	MF+M00820-10	MF+M00820-10
H01013019*	19	- 12	3/4"	23,9	0,94	25,9	1,02	105	1520	480	6960	100	3,94	540	0,36	MF+M00820-12	MF+M00820-12
H01013025*	25	- 16	1"	31,3	1,23	33,3	1,31	88	1270	400	5800	160	6,30	770	0,52	MF+M00820-16	MF+M00820-16
H01013031*	31	- 20	1.1/4"	38,4	1,51	40,9	1,61	63	910	400	5800	210	8,27	1080	0,73	MF+M00820-20	MF+M00820-20
H01013038*	38	- 24	1.1/2"	45,0	1,77	47,5	1,87	50	720	200	2900	300	11,81	1220	0,82	MF+M00820-24	
H01013051*	51	- 32	2"	58,0	2,28	60,5	2,38	40	580	160	2320	400	15,75	1630	1,10	MF+M00820-32	
H01013063*	63	- 40	2.1/2"	70,5	2,78	73,0	2,87	50	720	200	2900	760	29,92	2090	1,40	MF+M03400-40	
H01013076*	76	- 48	3"	85,0	3,35	87,7	3,45	35	500	140	2030	900	35,43	2780	1,87	MF+M03400-48	

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °F / 212 °F
-40 °C / 100 °C

MAX OPERATING TEMPERATURE

121 °C, 250 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

One high tensile steel braid

COVER

Environment resistant synthetic rubber

APPLICABLE SPECS

EN 857 1SC; ISO 11237 1SC

TYPE APPROVALS

ABS; DNV-GL; CU-TR; LR; MSHA (only DN 63 & 76); ELEVATORS EN 8-12;



Remarks:

For hydraulic lift applications according to EN 81-2 specification: DN 19: WP = 50 bar - DN 25: WP = 50 bar - DN 31: WP = 50 bar. The ref. spec. EN 81-2 is identified in the standard hose branding for these specific applications.

DN 16, 31, 38, 51, 63, 76 references not to be used anymore on new projects: phase out planned.