

TRACTOR/2SC

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
- Range extension to DN 76
- Vacuum resistance with SAE 100 R4 performance approved on sizes up to DN 76

APPLICATIONS & FLUIDS



- Hydraulics: medium-high pressure lines with installation constraints, return lines and suction lines
- 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
H01025006*	6	- 4	1/4"	11,3	0,44	13,1	0,52	400	5800	1850	26830	45	1,77	280	0,19	MF+M03400-04	OPF-04
H01025008*	8	- 5	5/16"	12,9	0,51	14,7	0,58	350	5070	1700	24650	55	2,17	330	0,22	MF+M03400-05	OPF-05
H01025010*	10	- 6	3/8"	15,0	0,59	16,8	0,66	330	4780	1500	21750	65	2,56	395	0,27	MF+M03400-06	OPF-06
H01025012*	12	- 8	1/2"	18,5	0,73	20,3	0,80	275	3980	1220	17690	80	3,15	510	0,34	MF+M03400-08	OPF-08
H01025016*	16	- 10	5/8"	21,8	0,86	23,6	0,93	250	3620	1050	15220	90	3,54	630	0,42	MF+M03400-10	OPF-10
H01025019*	19	- 12	3/4"	25,6	1,01	27,6	1,09	215	3110	920	13340	120	4,72	800	0,54	MF+M03400-12	OPF-12
H01025025*	25	- 16	1"	33,0	1,30	35,2	1,39	165	2390	720	10440	160	6,30	1130	0,76	MF+M03400-16	OPF-16
H01025031*	31	- 20	1.1/4"	41,1	1,62	43,6	1,72	125	1810	560	8120	250	9,84	1570	1,06	MF+M03400-20	OPK-20
H01025038*	38	- 24	1.1/2"	47,7	1,88	50,7	2,00	100	1450	400	5800	300	11,81	1900	1,28	MF+M03400-24	OPK-24
H01025051*	51	- 32	2"	60,4	2,38	63,4	2,50	90	1300	360	5220	400	15,75	2460	1,65	MF+M03400-32	OPK-32
H01025063*	63	- 40	2.1/2"	73,0	2,87	76,0	2,99	70	1010	300	4350	760	29,92	2980	2,00	MF+M03400-40	
H01025076*	76	- 48	3"	87,8	3,46	90,5	3,56	45	650	180	2610	900	35,43	3250	2,18	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

Two high tensile steel braids

COVER

Environment resistant synthetic rubber

APPLICABLE SPECS

EN 857 2SC; ISO 11237 2SC; SAE 100 R16

TYPE APPROVALS

MSHA, ABS; DNV-GL; CU-TR; LR; ELEVATORS
EN 8-12



Remarks:

For hydraulic lift applications according to EN 81-2 specification: DN 31: WP = 50 bar - DN 38: WP = 50 bar - DN 51: WP = 45 bar. These ratings are identified with additional embossed branding on the hose references.

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