

TRACTOR/1SN

INTEGRATED, RELIABLE HOSE ASSEMBLY



KEY FEATURES

- EN/DIN and new SAE rated working pressures
- Flame retardant property of the cover compound, MSHA approved
- Smooth cover FRAS approved (DN 5±12)
- Halogen-Free hose line

APPLICATIONS & FLUIDS

- Hydraulics: low-medium pressure lines, return 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
H01006005*	5	- 3	3/16"	9,5	0,37	11,5	0,45	250	3620	1000	14500	89	3,50	197	0,13	MF+M03400-03	OPF-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	OPF-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	OPF-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	OPF-06
H02004012*	12	- 8	1/2"	18,1	0,71	20,1	0,79	160	2320	640	9280	178	7,01	400	0,27	MF+M03400-08	OPF-08
H01006016*	16	- 10	5/8"	21,3	0,84	23,3	0,92	130	1880	520	7540	200	7,87	490	0,33	MF+M03400-10	OPF-10
H01006019*	19	- 12	3/4"	25,3	1,00	27,3	1,07	105	1520	420	6090	240	9,45	610	0,41	MF+M03400-12	OPF-12
H01006025*	25	- 16	1"	33,1	1,30	35,1	1,38	88	1270	350	5070	300	11,81	920	0,62	MF+M03400-16	OPF-16
H01006032*	31	- 20	1.1/4"	40,6	1,60	43,3	1,70	63	910	250	3620	419	16,50	1260	0,85	MF+M03400-20	OPK-20
H01006040*	38	- 24	1.1/2"	47,0	1,85	49,7	1,96	50	720	200	2900	500	19,69	1470	0,99	MF+M03400-24	OPK-24
H01006051*	51	- 32	2"	60,4	2,38	63,1	2,48	40	580	160	2320	630	24,80	2075	1,39	MF+M03400-32	OPK-32
H01006060*	60	- 38	2.3/8"	68,8	2,71	71,5	2,81	50	720	200	2900	650	25,59	2210	1,49	MF+M03400-38	

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 853 1SN; SAE 100 R1AT; ISO 1436
1SN/R1AT

TYPE APPROVALS

MSHA, ABS; BV; DNV-GL; FRAS; NK; CU-TR;
KRS; LR;



Remarks:

DN 5, 16, 19, 25, 31, 38, 51, 60 references not to be used anymore on new projects: phase out planned.