

SPIRTEX

SAE 100 R4 SUCTION AND DELIVERY HOSE



HOSES 23

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	Std 1	Std 2
H80002019*	19	-12	3/4"	-	-	29.0	1.14	21	300	84	1,210	80	3.15	533	0.36	MF+M00321-12	
H80002025*	25	-16	1"	-	-	35.5	1.40	17	240	70	1,010	100	3.94	666	0.45	MF+M00930-16	
H80002031*	31	-20	1.1/4"	-	-	42.5	1.67	14	200	56	810	130	5.12	812	0.55	MF+M00920-20	
H80002038*	38	-24	1.1/2"	-	-	49.0	1.93	11	160	44	630	170	6.69	1,047	0.70	MF+M00910-24	
H80002051*	51	-32	2"	-	-	62.0	2.44	7	100	28	400	200	7.87	1,414	0.95	MF+M00910-32	
H80002063*	63	-40	2.1/2"	-	-	76.0	2.99	4	60	17	240	235	9.25	2,357	1.58	MF+M03400-40	
H80002076*	76	-48	3"	-	-	88.0	3.46	4	60	17	240	300	11.81	2,712	1.82	MF+M03400-48	
H80002089*	89	-56	3.1/2"	-	-	103.5	4.07	3	40	12	170	350	13.78	3,465	2.33	MF+M03400-56	
H80002102*	102	-64	4"	-	-	115.0	4.53	3	20	12	170	400	15.75	3,832	2.58	MF+M03400-64	

KEY FEATURES

- Hardwall hose used for the suction and delivery of hydraulic oils
- High robustness of hose structure
- Long lasting in severe applications
- Resistance to Vacuum
- Improved minimum bend radius
- Max. length: 60m

APPLICATIONS & FLUIDS

- Hydraulics: suction lines, return lines
- Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F
100 °C, 212 °F

TUBE

NBR synthetic rubber

REINFORCEMENT

High tensile synthetic cord, helix body wire

COVER

Weather resistant synthetic rubber

APPLICABLE SPECS

SAE J517 100 R4, Manuli® Design; two-thirds the SAE J517 100R4 minimum bend radius

TYPE APPROVALS

CU-TR

MULTITEX

INTEGRATED, RELIABLE HOSE ASSEMBLY



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	Std 1	Std 2
H09067005*	5	-3	3/16"	0.0	0.00	11.0	0.43	35	500	140	2,030	35	1.38	90	0.06	MF+M00820-03	
H09067006*	6	-4	1/4"	0.0	0.00	12.6	0.50	30	430	120	1,740	45	1.77	115	0.08	MF+M00830-04	
H09067008*	8	-5	5/16"	0.0	0.00	14.1	0.56	30	430	120	1,740	65	2.56	140	0.09	MF+M00830-05	
H09067010*	10	-6	3/8"	0.0	0.00	15.8	0.62	30	430	120	1,740	75	2.95	160	0.11	MF+M00820-06	
H09067012*	12	-8	1/2"	0.0	0.00	19.4	0.76	30	430	120	1,740	90	3.54	210	0.14	MF+M00820-08	
H09073016*	16	-10	5/8"	0.0	0.00	23.0	0.91	30	430	120	1,740	115	4.53	290	0.19	MF+M00820-10	
H09073019*	19	-12	3/4"	0.0	0.00	26.0	1.02	30	430	120	1,740	140	5.51	325	0.22	MF+M00820-12	
H09073025*	25	-16	1"	0.0	0.00	32.0	1.26	30	430	120	1,740	150	5.91	400	0.27	MF+M00820-16	

KEY FEATURES

- High flexibility
- Wide range of fluid compatibility
- MF2000® Multifit Type couplability
- Push-On hose with MF2000® Push-Lock insert Type without ferrule

APPLICATIONS & FLUIDS

- Hydraulics: low pressure lines, return lines, drain lines
- Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F

125 °C, 257 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

One high resistance textile braid

COVER

Weather resistant synthetic rubber

APPLICABLE SPECS

SAE 100 R6; EN 854 R6/1TE; ISO 4079 R6/1TE