

ASTRO/3

INTEGRATED, RELIABLE HOSE ASSEMBLY



HOSES

26

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
H09046006*	6	-4	1/4"	-	-	14.2	0.56	145	2,100	580	8,410	45	1.77	150	0.10	MF+M00310-04	
H09046008*	8	-5	5/16"	-	-	16.6	0.65	130	1,880	520	7,540	55	2.17	210	0.14	MF+M00310-05	
H09046010*	10	-6	3/8"	-	-	18.2	0.72	110	1,590	440	6,380	70	2.76	230	0.15	MF+M00310-06	
H09046012*	12	-8	1/2"	-	-	21.5	0.85	93	1,340	372	5,390	85	3.35	290	0.19	MF+M00310-08	
H09046016*	16	-10	5/8"	-	-	25.6	1.01	80	1,160	320	4,640	105	4.13	395	0.27	MF+M00310-10	
H09046019*	19	-12	3/4"	-	-	28.8	1.13	70	1,010	280	4,060	130	5.12	455	0.31	MF+M00321-12	
H09046025*	25	-16	1"	-	-	35.4	1.39	55	790	220	3,190	150	5.91	580	0.39	MF+M00310-16	
H09046032*	31	-20	1.1/4"	-	-	42.5	1.67	45	650	180	2,610	190	7.48	740	0.50	MF+M00310-20	
H09046040*	38	-24	1.1/2"	-	-	49.4	1.94	40	580	160	2,320	240	9.45	920	0.62	MF+M00910-24	
H09046051*	51	-32	2"	-	-	62.2	2.45	33	470	132	1,910	300	11.81	1,140	0.77	MF+M00910-32	

KEY FEATURES

- Wide range of fluid compatibility
- High flexibility of the hose structure
- Low bend radii and compactness
- Exceeds performance of SAE100R3

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

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F

125 °C, 257 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Two high resistance textile braids

COVER

Weather resistant synthetic rubber

APPLICABLE SPECS

EN 854 3TE; ISO 4079 3TE

TYPE APPROVALS

DNV-GL