

# ASTRO/2

INTEGRATED, RELIABLE HOSE ASSEMBLY



HOSES 25

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
H09045006*	6	-4	1/4"	-	-	13.0	0.51	75	1,080	300	4,350	40	1.57	125	0.08	MF+M00830-04	
H09045008*	8	-5	5/16"	-	-	14.6	0.57	68	980	272	3,940	50	1.97	150	0.10	MF+M00830-05	
H09045010*	10	-6	3/8"	-	-	16.1	0.63	63	910	252	3,650	60	2.36	180	0.12	MF+M00820-06	
H09045012*	12	-8	1/2"	-	-	19.2	0.76	58	840	232	3,360	70	2.76	220	0.15	MF+M00820-08	
H09045016*	16	-10	5/8"	-	-	23.6	0.93	50	720	200	2,900	90	3.54	290	0.19	MF+M00820-10	
H09045019*	19	-12	3/4"	-	-	26.5	1.04	45	650	180	2,610	110	4.33	360	0.24	MF+M00820-12	
H09045025*	25	-16	1"	-	-	33.4	1.31	40	580	160	2,320	130	5.12	440	0.30	MF+M00820-16	
H09045032*	31	-20	1.1/4"	-	-	41.5	1.63	35	500	140	2,030	140	5.51	650	0.44	MF+M00820-20	

## KEY FEATURES

- Wide range of fluid compatibility
- High flexibility of the hose structure

## APPLICATIONS & FLUIDS

- Hydraulics: low 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

One high resistance textile braid

## COVER

Weather resistant synthetic rubber

## APPLICABLE SPECS

EN 854 2TE; ISO 4079 2TE

## TYPE APPROVALS

DNV-GL

# ASTRO/3

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
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



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