

SYNERGY

HIGH PRESSURE HYDRAULICS



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
H10137006*	6	-4	1/4"	14,0	0,55	16,6	0,65	450	6525	1800	26100	100	3,94	474	0,32	MF+M00910-04	
H10137010*	10	-6	3/8"	16,2	0,64	18,2	0,72	450	6525	1800	26100	125	4,92	530	0,36	MF+M03500-06	MF+M00910-06
H10137012*	12	-8	1/2"	20,2	0,80	23,8	0,94	420	6090	1680	24360	160	6,30	880	0,59	MF+M03500-08	MF+M00910-08
H10137019*	19	-12	3/4"	28,2	1,11	31,3	1,23	365	5292,5	1460	21170	240	9,45	1340	0,90	SP+M05400-12	MF+M00920-12GX
H10137025*	25	-16	1"	35,2	1,39	37,8	1,49	300	4350	1200	17400	340	13,39	1800	1,21	SP+M05400-16	MF+M00930-16
H10137031*	31	-20	1-1/4"	43,2	1,70	46,2	1,82	210	3045	840	12180	460	18,11	2300	1,54	SP+M05400-20	MF+M00920-20

KEY FEATURES

- Long life resistance in severe hydraulic applications
- High abrasion resistance
- High ozone and weather resistance
- Flame retardant and antistatic cover
- High flexibility and durability
- Low bend radii
- Compact dimensions

APPLICATIONS & FLUIDS

- Hydraulics: very high pressure hydraulic lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining;
- Mineral oils, vegetable oils and synthetic ester based oils, glycols and polyglycols, mineral oils in aqueous emulsion, water.

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F
121 °C, 250 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

1 wire braid and 2 wire spirals, high tensile steel

COVER

STRONG - TYPE "SC"
Synthetic rubber with high abrasion, ozone, weather and heat resistance and an extended operational temperature range

APPLICABLE SPECS

Manuli® Design, exceeds 4SP performance

TYPE APPROVALS

MSHA