

HYDROROPE

OUTSTANDING TENSILE STRENGTH



HOSES 80

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
H10136025*	25	-16	1	38.2	1.50	41.4	1.63	420	6,090	1,680	24,360	350	13.78	2,910	1.95	IP+M01850-16	
H10136031*	31	-20	1.1/4"	46.9	1.85	50.1	1.97	420	6,090	1,680	24,360	400	15.51	3,749	2.52	IP+M01600-20	
H10136A38*†	38	-24	1.1/2"	53.2	2.09	56.5	2.22	350	5,076	1,400	20,305	450	17.72	4,256	2.86	IP+M01600-24	
H10136038*	38	-24	1.1/2"	54.7	2.15	57.3	2.26	420	6,090	1,680	24,360	450	17.72	4,650	3.12	IS+M02700-24	
H10136051*	51	-32	2"	69.2	2.72	72.4	2.85	420	6,090	1,680	24,360	550	21.65	6,590	4.42	IS+M02700-32	
H10136063*	63	-40	2.1/2"	84.1	3.31	87.3	3.44	380	5,511	1,520	22,045	800	31.50	9,405	6.31	IP+M01900-40	
H10136076*	76	-48	3"	97.1	3.82	100.2	3.94	350	5,076	1,400	20,305	1000	39.37	11,106	7.46	IS+M02700-48	

† Compact hose

KEY FEATURES

- Designed to resist pulling force
- High pressure resistance
- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs
- Anti-static and anti-toxic cover

APPLICATIONS & FLUIDS

- Heavy duty power lines in severe environmental conditions
- Specific installations with tough abrasion conditions
- Off-shore applications, underground and open-pit mining, special machines where hose high pulling resistance is required (grabs, etc.)
- Mineral oils, vegetable oils and synthetic ester based oils (up to 100°C/212°F), glycols and polyglycols, mineral oils in aqueous emulsion, water

CONTINUOUS SERVICE TEMPERATURE RANGE

-46 °C, -50 °F

121 °C, 250 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four (DN 25, DN 38 Compact) and six (DN 38, DN 76) high tensile steel spirals + One high

COVER

STRONG - TYPE "SC"

Synthetic rubber with high abrasion, ozone, weather and heat resistance and an extended operational temperature range

APPLICABLE SPECS

Manuli® Design

TYPE APPROVALS

MSHA; CU-TR;