

GOLDENISO/45 LONGLIFE

HIGH FATIGUE RESISTANCE



HOSES

36

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
H10089006*	6	-4	1/4"	14.7	0.58	17.1	0.67	460	6,670	1,840	26,680	125	4.92	567	0.38	IP+M01500-04	
H10089016*	16	-10	5/8"	25.5	1.00	28.5	1.12	460	6,670	1,840	26,680	250	9.84	1,290	0.87	IP+M01500-10	
H10089019*	19	-12	3/4"	28.4	1.12	32.0	1.26	460	6,670	1,840	26,680	280	11.02	1,530	1.03	IP+M01500-12	
H10089025*	25	-16	1"	35.4	1.39	38.2	1.50	460	6,670	1,840	26,680	340	13.39	2,150	1.44	IP+M01500-16	
H10089031*	31	-20	1.1/4"	46.3	1.82	49.5	1.95	450	6,520	1,800	26,100	420	16.54	3,790	2.55	IP+M01800-20	
H10089038*	38	-24	1.1/2"	54.2	2.13	58.0	2.28	450	6,520	1,800	26,100	450	17.72	5,002	3.36	IP+M01600-24	

KEY FEATURES

- Designed for original equipment
- Long-term mission profile in severe applications
- Over standard pressure rating
- High impulse resistance exceeding the ISO 18752 requirements
- Superior abrasion resistance
- High ozone and weather resistance
- Flame retardant and antistatic properties of the cover
- Wide compatibility with hydraulic fluids, mineral and biodegradable oils
- Low bend radius, better than the standard requirements
- Interlock-Plus easy mounting system for a very high-level robustness
- Isobaric pressure rating for easy selection and product management

APPLICATIONS & FLUIDS

- Heavy duty pressure lines, hydrostatic transmissions, heavy duty earth moving equipment, hydraulic presses, drilling applications, injection moulding machines, specific installations with severe abrasion conditions and/or harsh environmental conditions, marine applications, underground and open pit mining
- 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

-40 °C, -40 °F

121 °C, 250 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel wire spirals (DN 16-25). Six high tensile steel wire spirals (DN 31-38)

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 SAE J517 Type 100R15; ISO 3862 R15; ISO 18752-D extension

TYPE APPROVALS

CU-TR; MSHA; FRAS