

# GOLDENISO/35 XTRAFLEX



ISO 18752-C/D

PART. REF.	HOSE SIZE																	
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	Ferrule	Insert	One Piece
H10096010*	10	- 6	3/8"	16,7	0,66	18,9	0,74	350	5070	1400	20300	80	3,15	530	0,36	M00910-06	MF	OPK-06
H10096012*	12	- 8	1/2"	19,6	0,77	21,8	0,86	350	5070	1400	20300	90	3,54	660	0,44	M00910-08	MF	OPK-08
H10096019*	19	- 12	3/4"	27,5	1,08	30,1	1,19	350	5070	1400	20300	120	4,72	1220	0,82	M00920-12	MF	OPK-12
H10096025*	25	- 16	1"	34,6	1,36	37,2	1,46	350	5070	1400	20300	150	5,91	1800	1,21	M00920-16	MF	OPK-16
H10096031*	31	- 20	1.1/4"	42,1	1,66	44,9	1,77	350	5070	1400	20300	230	9,06	2340	1,57	M01500-20	IP	

## KEY PERFORMANCE

Excellent flexibility (low bending force) also in low temperature applications - Approved 1 Million impulse cycles (MF2000 fittings) - Reduced bend radius - Easy mounting in severe installations - Isobaric pressure rating - BIO biological and mineral oils compatibility - No skive fitting solution available

## MAIN APPLICATIONS

Heavy duty power lines with short assemblies in severe installations

## CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °F / 250 °F  
-40 °C / 121 °C

## RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester based oils (up to 100°C/212°F), glycols and polyglycols, mineral oils in aqueous emulsion, water

## TUBE

Oil resistant synthetic rubber

## REINFORCEMENT

Four high tensile steel spirals (DN 6÷31). Six high tensile steel spirals (DN 38÷51).

## COVER

Synthetic rubber with high abrasion, ozone, weather and heat resistance

## APPLICABLE SPECS

ISO 18752-C/D, JIS K6349-3

## TYPE APPROVALS

MSHA

## STANDARD PACKAGING

Reel

**rodaindustria** IBÉRICA S.A.





# SWAGING DIAMETERS CHART

Hose type		MRI HOSE ASSEMBLIES SWAGING DIAMETERS									
GOLDENISO/35 XtraFlex		10	12	16	19	25	31	-	-	-	-
DN		10	12	16	19	25	31	-	-	-	-
Dash Size		-06	-08	-10	-12	-16	-20	-	-	-	-
Inches		3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	-	-	-	-
Ferrule Type		M00910-06	M00910-08	-	M00920-12	M00920-16	-	-	-	-	-
Internal Skive Length (± 0.5) mm		-	-	-	-	-	-	-	-	-	-
External Skive Length (± 0.5) mm		27	28	-	32	42	-	-	-	-	-
INSERT MULTIFIT MF2000	Swaging Diameter (0/-0.2) mm	21.8	25.1	-	33.3	41.0	-	-	-	-	-

Revision	Date	Issued by:	Verified by:	Approved by:
2	27/06/11	E.Donati	E.Donati	R.Tessieri



# SWAGING DIAMETERS CHART

Hose type		MRI HOSE ASSEMBLIES SWAGING DIAMETERS									
GOLDENISO/35 XtraFlex		12	10	12	16	19	25	31	-	-	-
DN		-08	-06	-08	-10	-12	-16	-20	-	-	-
Dash Size		1/2"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	-	-	-
Inches		-	-	-	-	M01500-12	M01500-16	M01500-20	-	-	-
Ferrule Type		-	-	-	-	-	-	-	-	-	-
Internal Skive Length (± 0.5) mm		-	-	13	15	22	-	-	-	-	-
External Skive Length (± 0.5) mm		-	-	38	49	67	-	-	-	-	-
INSERT INTERLOCK PLUS MF2000	Swaging Diameter (0/-0.2) mm	-	-	34.0	41.1	48.9	-	-	-	-	-

Revision	Date	Issued by:	Verified by:	Approved by:
0	27/06/11	E.Donati	E.Donati	R.Tessieri

# GOLDENISO/38 LONGLIFE



## HIGH FATIGUE RESISTANCE

PART. REF.	HOSE SIZE																	
				R.O.D.		O.D.		MAX W.		BURST		MIN.BEND		WEIGHT		STD MF2000		STD
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	Ferrule	Insert	One Piece
H10098019*	19	- 12	3/4"	27,7	1,09	32,0	1,26	380	5510	1520	22040	170	6,69	1410	0,95	M01500-12	IP	
H10098025*	25	- 16	1"	34,8	1,37	38,1	1,50	380	5510	1520	22040	220	8,66	1990	1,34	M01500-16	IP	

### KEY PERFORMANCE

Over standard pressure rating - Approved with two severe fatigue qualification programs: 2 millions flexing impulse cycles (ISO 6802, T=100°C, test pressure=120% WP) - 1,2 million flexing impulse cycles (ISO 8032, T=120°C, test pressure=133%) - 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 and high flexibility - New Interlock-Plus easy mounting system

### MAIN APPLICATIONS

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 heavy duty environmental conditions, marine applications, underground and open pit mining

### CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °F / 250 °F  
-40 °C / 121 °C

### MAX OPERATING TEMPERATURE

125 °C, 257 °F

### RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester based oils, glycols and polyglycols, mineral oils in aqueous emulsion, water

### TUBE

Oil resistant synthetic rubber

### REINFORCEMENT

Four high tensile steel wire spirals

### COVER

Synthetic rubber with high ozone, abrasion and weather resistance

### APPLICABLE SPECS

Manuli special design exceeds SAE J517 type100R13; ISO 3862 R13; ISO 18752-C-D extension

### TYPE APPROVALS

MSHA

### STANDARD PACKAGING

Reel



**rodaindustria** IBÉRICA S.A.



# SWAGING DIAMETERS CHART

Hose type <b>GOLDENISO/38 LongLife</b>		MRI HOSE ASSEMBLIES SWAGING DIAMETERS									
DN	10	12	16	19	25	31	-	-	-	-	-
Dash Size	-06	-08	-10	-12	-16	-20	-	-	-	-	-
Inches	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	-	-	-	-	-
Ferrule Type	-	-	-	M01500-12	M01500-16	-	-	-	-	-	-
Internal Skive Length (± 0.5) mm	-	-	-	13	15	-	-	-	-	-	-
External Skive Length (± 0.5) mm	-	-	-	38	49	-	-	-	-	-	-
INSERT INTERLOCK PLUS MF2000	Swaging Diameter (0/-0.2) mm	-	-	-	34.1	41.3	-	-	-	-	-
Internal Bore Collapse, mm	-	-	-	1.6 – 2.3	1.8 – 2.6	-	-	-	-	-	-

Revision	Date	Issued by:	Verified by:	Approved by:
0	27/06/11	E.Donati	J.Giridhar	R.Tessieri