



GOLDENISO/21 ANTIWEAR

OUTSTANDING ABRASION RESISTANCE



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	Insert	Ferrule
GI21AW-03	5	-3	3/16"	9.1	0.36	11.1	0.44	210	3,040	840	12,180	45	1.77	170	0.11	MF2000	M03300-03
GI21AW-04	6	-4	1/4"	10.2	0.40	12.0	0.47	210	3,040	840	12,180	50	1.97	180	0.12	MF2000	M03300-04
GI21AW-05	8	-5	5/16"	11.5	0.45	13.6	0.54	210	3,040	840	12,180	55	2.17	210	0.14	MF2000	M00120-05
GI21AW-06	10	-6	3/8"	14.4	0.57	16.2	0.64	210	3,040	840	12,180	65	2.56	300	0.20	MF2000	M03300-06
GI21AW-08	12	-8	1/2"	17.9	0.70	19.7	0.78	210	3,040	840	12,180	90	3.54	415	0.28	MF2000	M03300-08
GI21AW-10	16	-10	5/8"	22.2	0.87	24.0	0.94	210	3,040	840	12,180	100	3.94	620	0.42	MF2000	M00120-10
GI21AW-12	19	-12	3/4"	25.6	1.01	27.7	1.09	210	3,040	840	12,180	120	4.72	780	0.52	MF2000	M00120-12
GI21AW-16	25	-16	1"	33.0	1.30	35.2	1.39	210	3,040	840	12,180	150	5.91	1,120	0.75	MF2000	M00120-16

KEY FEATURES

- Extreme abrasion resistance
- Very low bend radius to suit restricted space installations
- High robust and compact hose structure compared to rated pressure
- Approved at 200.000 impulse cycles, at T=100°C (ISO 18752 grade A)
- High environmental agents resistance
- Vacuum resistance accordingly to SAE 100R4 requirements

APPLICATIONS & FLUIDS

- Medium and high pressure hydraulic lines with installation constraints, pilot lines, return, drain and suction lines
- 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

100 °C, 212 °F

TUBE

Synthetic rubber

REINFORCEMENT

One wire braid (DN 5-12). Two wire braid (DN 16-25)

COVER

S.H.A.R.C.
Synthetic rubber with very high abrasion, ozone and weather resistance

APPLICABLE SPECS

ISO 18752 grade A; SAE J517 Type 100 R17; ISO 11237-R17

TYPE APPROVALS

CU-TR; MSHA; FRAS; DNV-GL (MED)