

GOLDENGUARD/5000

EMERGENCY HYDRAULIC SYSTEMS & BOP



KEY FEATURES

- High robustness of the hose structures
- Thermal insulation of the hose with a special cover material
- Long lasting resistance of the cover layer
- Flame retardant properties of the cover
- High ozone and weather resistance

APPLICATIONS & FLUIDS



- Hydraulics: designed for use in areas where the continuous hydraulic function is required to drive the emergency systems (industrial, marine, off-shore and refineries, defense, mining)
- Flexible hose for hydraulic systems of Blow Out Preventer control lines on drilling rigs
- Mineral oils, glycols and polyglycols, mineral oils in aqueous emulsion

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	Std1	Std2
H11020010*	10	- 6	3/8"	16,7	0,66	20,7	0,81	345	5000	1380	20010	127	5,00	651	0,44	MF+M00910-06	OPK-06
H11020012*	12	- 8	1/2"	20,1	0,79	24,1	0,95	345	5000	1380	20010	150	5,91	820	0,55	MF+M00910-08	OPK-08
H11020016*	16	- 10	5/8"	25,5	1,00	30,9	1,22	345	5000	1380	20010	180	7,09	1490	1,00	IP+M01500-10	
H11020019*	19	- 12	3/4"	29,0	1,14	36,2	1,43	345	5000	1380	20010	240	9,45	2024	1,36	IP+M01500-12	SP+M05400-12
H11020025*	25	- 16	1"	36,0	1,42	44,0	1,73	345	5000	1380	20010	300	11,81	2742	1,84	IP+M01500-16	SP+M05400-16
H11020031*	31	- 20	1.1/4"	47,0	1,85	55,0	2,17	345	5000	1380	20010	420	16,54	4293	2,88	IP+M01600-20	SP+M05500-20
H11020038*	38	- 24	1.1/2"	54,6	2,15	62,6	2,46	345	5000	1380	20010	500	19,69	5531	3,72	IP+M01600-24	SP+M05500-24
H11020051*	51	- 32	2"	68,4	2,69	76,4	3,01	345	5000	1380	20010	630	24,80	7712	5,18	IP+M01800-32	SP+M05500-32

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °F / 250 °F
-40 °C / 121 °C

TUBE

High grade NBR oil resistant rubber

REINFORCEMENT

Multiple plies of high tensile steel wire spirals (DN 16 to 51), 2 wire braids (DN 10 & 12)

COVER

Red insulant and flame retardant synthetic rubber

APPLICABLE SPECS

API 16D Fire Test (pr. 10.1.2), DN 10-12: ISO 18752-A; DN 16-51: ISO 18752-C (STD2 fitting) and type C "Plus" (STD1 fitting), ISO 3862 and SAE J517-100R13 performance

TYPE APPROVALS

DNV-GL; CU-TR; MSHA; API 16D fire test (DNV), LR



Remarks:

Refer to GoldenGuard assembling instructions and crimp chart for the use of accessories when required:

- STD1 fitting solution: Fire Sleeve & Metal Sleeve over the fitting area are required
- STD2 fitting solution: No accessories required

The STD1 fitting solution has to be selected for the most demanding applications.

DN 10 & 12: Max. continuous temperature 100°C for these wire braided references.