

# GOLDENGUARD/5000

EMERGENCY HYDRAULIC SYSTEMS & BOP



HOSES 83

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
H11020010*	10	-6	3/8"	16.7	0.66	20.7	0.81	345	5,000	1,380	20,010	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	5,000	1,380	20,010	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	5,000	1,380	20,010	180	7.09	1,490	1.00	IP+M01500-10	
H11020019*	19	-12	3/4"	29.0	1.14	36.2	1.43	345	5,000	1,380	20,010	240	9.45	2,024	1.36	IP+M01500-12	SP+M05400-12
H11020025*	25	-16	1"	36.0	1.42	44.0	1.73	345	5,000	1,380	20,010	300	11.81	2,742	1.84	IP+M01500-16	SP+M05400-16
H11020031*	31	-20	1.1/4"	47.0	1.85	55.0	2.17	345	5,000	1,380	20,010	420	16.54	4,293	2.88	IP+M01600-20	SP+M05500-20
H11020038*	28	-24	1.1/2"	54.6	2.15	62.6	2.46	345	5,000	1,380	20,010	500	19.69	5,531	3.72	IP+M01600-24	SP+M05500-24
H11020051*	51	-32	2"	68.4	2.69	76.4	3.01	345	5,000	1,380	20,010	630	24.80	7,712	5.18	IP+M01800-32	SP+M05500-32

## KEY FEATURES

- Highly robust hose structure
- Thermal insulation of the hose with a special cover material
- Long lasting resistance of the cover layer
- Cover has flame retardant properties
- 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, defence, 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

## CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F

121 °C, 250 °F

## TUBE

High grade NBR oil resistant synthetic rubber

## REINFORCEMENT

Multiple plies of high tensile steel wire spirals (DN 16-25); 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 & SAE J517-100R13 performance

## TYPE APPROVALS

DNV-GL; CU-TR; MSHA; API 16D Fire Test (DNV); LR; CCS; ABS

## 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 required
  - STD2 fitting solution: No accessories required
- The STD1 fitting solution has been selected for the most demanding applications
- DN 10 & 12: Max. continuous temperature 100 °C for these wire braided references