

Flameguard 300 Hose



Application	Mainly used for seawater delivery in firefighting systems on offshore platforms, also can be used for delivery of gasoline, diesel oil, fuel oil with aromatic content up to 50%, mud, air and for other general purposes. It can be directly exposed to flame for more than 30 minutes at the temperature of 800°C, which enable operators to rescue and escape under emergencies.
Hose Branding	Techfluid NHG20 FLAMEGUARD 300 HOSE TECHFLUID WP21 BAR
Hose structure	
Tube	Black smooth nitrile rubber, oil resistance, seawater resistance, high temperature resistance, acid & alkali resistance.
Reinforcement	High strength steel tyre cord, anti-static copper wire, helix steel wire for hose size up to 6" and above.
Cover	Red chloroprene rubber, fire resistance, wear resistance, ozone & ageing resistance, oil resistance.
Fire shield layer	Glass fiber cloth
Temperature Range	-30°C to + 100°C
Fire resistance	ISO 15540 & ISO 15541, at 800°C x 30 minutes

Type	Internal Diameter		Outside Diameter		Working Pressure		Burst Pressure		Safety Factor	MBR (mm)	Weight (Kg/m)	Length Max (m)
	(inch)	(mm)	(inch)	(mm)	(bar)	(psi)	(bar)	(psi)				
NHG2024	1 ½	38	2.91	74	21	305	104	1,520	5	300	3.6	70
NHG2032	2	51	3.11	79	21	305	104	1,520	5	310	4.5	70
NHG2048	3	76	4.13	105	21	305	104	1,520	5	500	6.3	70
NHG2064	4	102	5.28	134	21	305	104	1,520	5	600	9.3	70
NHG2080	5	127	6.22	158	21	305	104	1,520	5	1,100	12.8	70
NHG2096	6	152	7.48	190	21	305	104	1,520	5	1,300	17.5	70
NHG20128	8	203	9.57	243	21	305	104	1,520	5	1,500	27.3	70
NHG20160	10	254	11.81	305	21	305	104	1,520	5	1,600	32.0	70

Larger bore sizes available on request.

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