



FIRE WATER



// FIRE WATER

// 230AH - SEA WATER - ISO 15540

ALFAGOMMA sea water hose assembly fully complies with ISO 15540 extremely severe fire resistance requirements: 30 minutes at 800 °C

ABS type approved for use in fire main systems, water delivery and fuel and oil transfer

HOSE

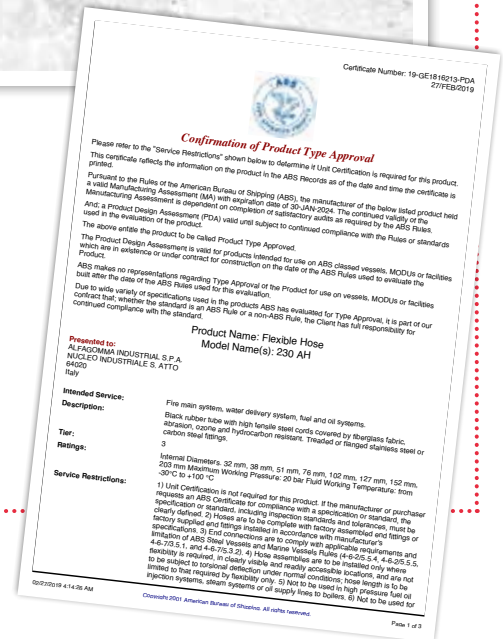
- ▲ Oil resistant tube
- ▲ Multiple layers of high tensile steel cords reinforcement and fiber glass fabric for maximum safety and strength
- ▲ Red Hypalon™ cover for superior abrasion, weather, temperature and oil resistance
- ▲ Available in size from 1½” to 8”
- ▲ ID 152 and 203 mm feature: steel helix wire and corrugated cover
- ▲ 20 bar working pressure – 5:1 safety factor








FITTINGS

Specially designed to fit 230AH hose

- ▲ NPT male threaded
- ▲ NPT male threaded for lifting hook
- ▲ ASA 150 fixed and swivel flange
- ▲ Pre-crimped one-piece system (up to 6”)
- ▲ Available in plated steel and stainless steel 316



// HOSE & FITTINGS SOLUTIONS

Hose	ABS Type Approved Fittings				Certification
	NPT Male	NPT Male for Hook hose lifter	Fixed Flange ASA 150	Swivel Flange ASA 150	
					ABS
230AH	●	●	●	●	

// HOSE

// 230AH



Sea water 20 bar (300 psi) - Fire resistant ISO 15540

Tube: black conductive NBR.

Reinforcement: high tensile steel cords.

ID 152 and 203 mm with embedded steel helix wire.

Cover: fibreglass fabric coated with red CSM - abrasion, ozone and hydrocarbon resistant.

ID 152 and 203 mm corrugated.

Application: fire water main systems on board offshore installations and sea going vessels.

Also suitable for fuel and oil transfer.

Fire resistant 30 minutes at +800 °C.

ABS Type approved hose assemblies.

Constant operation: -30 °C +100 °C (-22 °F +212 °F)

↔		↔		↻		↻		⤴		⚠	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
32,0	1 1/4"	56,00	2,20	20	300	100	1500	224,0	8,82		2,500	1,69
38,0	1 1/2"	62,00	2,44	20	300	100	1500	266,0	10,47		2,800	1,89
51,0	2"	79,00	3,11	20	300	100	1500	357,0	14,06		4,200	2,83
76,0	3"	106,00	4,17	20	300	100	1500	532,0	20,94		6,500	4,37
102,0	4"	132,00	5,20	20	300	100	1500	714,0	28,11		8,400	5,65
127,0	5"	157,00	6,18	20	300	100	1500	889,0	35,00		10,900	7,33
152,0	6"	190,00	7,48	20	300	100	1500	912,0	35,91		18,900	12,71
203,0	8"	243,00	9,57	20	300	100	1500	1218,0	47,95		26,800	18,02

APPLICATIONS

- ▲ SEA WATER TRANSFER IN DELUGE SYSTEMS ON OFFSHORE PLATFORMS
- ▲ HYDROCARBONS TRANSFER IN FIRE RISK ENVIRONMENTS

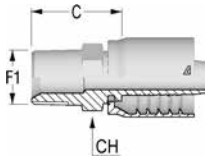


// FITTINGS

// NPT MALE THREAD

// C12412810

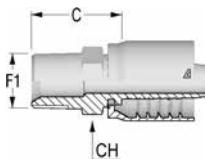
NPTF Male 60° Seat
AGN



Item Code	Part Number	Nut Type	ID			F1	F1	C	CH
			Dash	mm	in	Dash Size	F1	mm	mm
1215645	C12412810-20200	NA	20	32,0	1 1/4"	20	1 1/4-11 1/2	49,0	46,0
1215647	C12412810-24240	NA	24	38,0	1 1/2"	24	1 1/2-11 1/2	50,5	50,0
1215648	C12412810-32320	NA	32	51,0	2"	32	2-11 1/2	54,2	65,0

// C32412810

NPTF Male 60° Seat - Stainless steel 316
AGN



Item Code	Part Number	Nut Type	ID			F1	F1	C	CH
			Dash	mm	in	Dash Size	F1	mm	mm
1248007	C32412810-20200	NA	20	32,0	1 1/4"	20	1 1/4-11 1/2	49,0	46,0
1248008	C32412810-24240	NA	24	38,0	1 1/2"	24	1 1/2-11 1/2	50,5	50,0
1248009	C32412810-32320	NA	32	51,0	2"	32	2-11 1/2	54,2	65,0

// ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule - Plated steel



Item Code	Product Code	Hose ID	Hose ID	Thread type	Thread	Hose OD (min)	Hose OD (max)
		in	mm		in	mm	mm
2307565	I1728M0D-076090	3"	76,0	NPT	3"	104,0	109,0
2307566	I1728M0D-102114	4"	102,0	NPT	4"	130,0	139,0
2307464	I1728M0D-127140	5"	127,0	NPT	5"	156,0	163,0
2307567	I1728M0D-152165	6"	152,0	NPT	6"	188,0	203,0

// ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule - Stainless steel 316



Item Code	Product Code	Hose ID	Hose ID	Thread type	Thread	Hose OD (min)	Hose OD (max)
		in	mm		in	mm	mm
2307734	I3728M0D-076090	3"	76,0	NPT	3"	104,0	109,0
2307693	I3728M0D-102114	4"	102,0	NPT	4"	130,0	139,0
2307694	I3728M0D-127140	5"	127,0	NPT	5"	156,0	163,0
2307735	I3728M0D-152165	6"	152,0	NPT	6"	188,0	203,0

// ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule - Offshore - For Hook hose lifter - Plated Steel



Item Code	Product Code	Hose ID	Hose ID	Thread type	Thread	Hose OD (min)	Hose OD (max)
		in	mm		in	mm	mm
2307959	I17F8M0D-076090	3"	76,0	NPT	3"	104,0	109,0
2307695	I17F8M0D-102114	4"	102,0	NPT	4"	130,0	139,0
2307696	I17F8M0D-127140	5"	127,0	NPT	5"	156,0	163,0
2307960	I17F8M0D-152165	6"	152,0	NPT	6"	188,0	203,0

// ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule - Offshore - For Hook hose lifter - Stainless steel 316



Item Code	Product Code	Hose ID	Hose ID	Thread type	Thread	Hose OD (min)	Hose OD (max)
		in	mm		in	mm	mm
2307961	I37F8M0D-076090	3"	76,0	NPT	3"	104,0	109,0
2307697	I37F8M0D-102114	4"	102,0	NPT	4"	130,0	139,0
2307698	I37F8M0D-127140	5"	127,0	NPT	5"	156,0	163,0
2307962	I37F8M0D-152165	6"	152,0	NPT	6"	188,0	203,0

// COMBINATION NIPPLE FOR SERRATED FERRULE

NPT Male - Serrated hose shank with collar



Item Code	Product Code	Hose ID	Hose ID	Thread type	Thread	Material	Note Ferrule to be used
		in	mm		in		
2307455	I1728100-203219	8"	203,0	NPT	8"	Plated steel	2307462 (I107U203-DOK251)
2307456	I3728100-203219	8"	203,0	NPT	8"	S/S 316	2307460 (I307U203-DOK251)

// FIXED FLANGE ASA 150

// FIXED FLANGE - SLIP ON RF - ASA 150

Serrated hose shank complete with pre-crimped ferrule - Plated Steel



Item Code	Product Code	Hose ID	Hose ID	Flange type	Head DN	Head DN	Hose OD (min)	Hose OD (max)
		in	mm		in	mm		
2307963	I17BEW7B-00D076	3"	76,0	ASA150	3"	76,0	104,0	109,0
2307675	I17BEW7B-00D102	4"	102,0	ASA150	4"	102,0	130,0	139,0
2307676	I17BEW7B-00D127	5"	127,0	ASA150	5"	127,0	156,0	163,0
2307964	I17BEW7B-00D152	6"	152,0	ASA150	6"	152,0	188,0	203,0

// FIXED FLANGE - SLIP ON RF - ASA 150

Serrated hose shank complete with pre-crimped ferrule - Stainless steel 316



Item Code	Product Code	Hose ID	Hose ID	Flange type	Head DN	Head DN	Hose OD (min)	Hose OD (max)
		in	mm		in	mm		
2307965	I37BEW7B-00D076	3"	76,0	ASA150	3"	76,0	104,0	109,0
2307677	I37BEW7B-00D102	4"	102,0	ASA150	4"	102,0	130,0	139,0
2307678	I37BEW7B-00D127	5"	127,0	ASA150	5"	127,0	156,0	163,0
2307966	I37BEW7B-00D152	6"	152,0	ASA150	6"	152,0	188,0	203,0

// FIXED FLANGE - SLIP ON RF - ASA 150

Serrated hose shank with collar



Item Code	Product Code	Hose ID	Hose ID	Flange type	Head DN	Head DN	Material	Note Ferrule to be used
		in	mm		in	mm		
2307220	I17BE67B-A00203	8"	203,0	ASA150	8"	203,0	Plated steel	2307462 (I107U203-DOK251)
2307264	I37BE67B-A00203	8"	203,0	ASA150	8"	203,0	S/S 316	2307460 (I307U203-DOK251)

// SWIVEL FLANGE ASA 150

// SWIVEL FLANGE - LAP JOINT FF - ASA 150

Serrated hose shank complete with pre-crimped ferrule - Plated Steel



Item Code	Product Code	Hose ID	Hose ID	Flange type	Head DN	Head DN	Hose OD (min)	Hose OD (max)
		in	mm		in	mm		
2307967	I17BET9A-00D076	3"	76,0	ASA150	3"	76,0	104,0	109,0
2307679	I17BET9A-00D102	4"	102,0	ASA150	4"	102,0	130,0	139,0
2307680	I17BET9A-00D127	5"	127,0	ASA150	5"	127,0	156,0	163,0
2307968	I17BET9A-00D152	6"	152,0	ASA150	6"	152,0	188,0	203,0

// SWIVEL FLANGE - LAP JOINT FF - ASA 150

Serrated hose shank complete with pre-crimped ferrule - Stainless steel 316



Item Code	Product Code	Hose ID	Hose ID	Flange type	Head DN	Head DN	Hose OD (min)	Hose OD (max)
		in	mm		in	mm		
2307969	I37BET9A-00D076	3"	76,0	ASA150	3"	76,0	104,0	109,0
2307681	I37BET9A-00D102	4"	102,0	ASA150	4"	102,0	130,0	139,0
2307682	I37BET9A-00D127	5"	127,0	ASA150	5"	127,0	156,0	163,0
2307970	I37BET9A-00D152	6"	152,0	ASA150	6"	152,0	188,0	203,0

// SWIVEL FLANGE - LAP JOINT FF - ASA 150

Serrated hose shank with collar



Item Code	Product Code	Hose ID	Hose ID	Flange type	Head DN	Head DN	Material	Note Ferrule to be used
		in	mm		in	mm		
2307231	I17BE79A-A00203	8"	203,0	ASA150	8"	203,0	Plated steel	2307462 (I107U203-DOK251)
2307275	I37BE79A-A00203	8"	203,0	ASA150	8"	203,0	S/S 316	2307460 (I307U203-DOK251)



HEADQUARTER

Alfagomma SpA

Via Torri Bianche 1

20871 Vimercate (MB) Italy

marketing@alfagomma.com

www.alfagomma.com