



RIG SUPPLY



// PROVIDING EXCELLENCE AND RELIABILITY

The ALFAGOMMA Group, established in 1956, is a global manufacturer specialized in highly engineered, technically demanding hydraulic and industrial products, created with a commitment to excellence in quality and innovation.

// GLOBAL PRESENCE AND LOGISTIC SUPPORT

The ALFAGOMMA Group currently employs over 3000 people worldwide in 20 Production Plants and 84 Regional Distribution – Assembly Centers strategically located in:

EUROPE

- // Italy
- // Denmark
- // Estonia
- // Finland
- // France
- // Germany
- // Greece
- // Netherland
- // Norway
- // Sweden
- // UK

AMERICAS

- // Brazil
- // Canada
- // USA

ASIA & PACIFIC

- // Australia
- // China
- // Indonesia
- // Malaysia
- // Singapore
- // South Korea

AFRICA

- // South Africa



ALFAGOMMA GROUP

20

MANUFACTURING PLANTS

IN 8 COUNTRIES

ITALY – FINLAND
GERMANY – UK
USA – BRAZIL
CHINA – MALAYSIA

84

SUBSIDIARIES AND ASSEMBLY PLANTS

IN 21 COUNTRIES AND 5 CONTINENTS

ISO

QUALITY CERTIFICATION

ISO 9001 SINCE 1993
ISO 14001 SINCE 1999

3000

EMPLOYEES

AROUND THE WORLD

ALFAGOMMA // DUNLOPHIFLEX // HIFLEX // ARGUS

// BULK LOADING SYSTEM

ALFAGOMMA offers a complete range of rig supply hose, fittings and accessories to cover a wide variety of applications in loading/unloading operations from supply vessels to offshore platforms:

- ▲ Fuel-liquid mud
- ▲ Bulk material
- ▲ Potable water

The result is an integrated assembly system ABS approved.

All hose assemblies are pressure tested to guarantee control and safety during all operations in severe conditions.



HOSE

Hard wall and soft wall constructions are available for each application, as well as self-floating versions.

Main features:

- ▲ Minimum 20 bar working pressure – 80 bar burst pressure
- ▲ Excellent tensile end load resistance
- ▲ Black conductive tube and cover and antistatic wire
- ▲ CR cover to ensure high resistance to abrasion and sea environment
- ▲ Helical brand tape for maximum visibility

FITTINGS

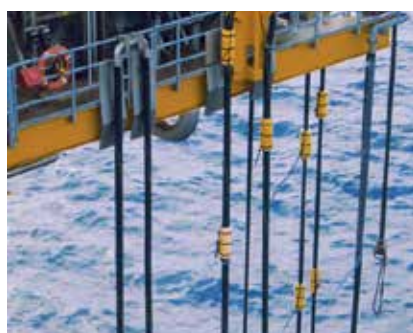
Specially designed to fit ALFAGOMMA rig supply hose range.

Available range:

- ▲ NPT male threaded couplings in plated and stainless steel
- ▲ Fixed and Swivel ASA150 flanged fittings in plated and stainless steel
- ▲ Pre-crimped one-piece system (up to 6")

ACCESSORIES

To complete the system, ALFAGOMMA provides a wide range of accessories for the specific requirements of rig supply applications: hose floats, hook hose lifters, hammer lug unions, breakaway couplings, dry disconnect couplings.



// COMPLETE HOSE & FITTING SOLUTIONS

Hose	Structure	Self Floating Version	ID range in	WP bar	Safety Factor
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ALFAGOMMA



FUEL, LIQUID MUD, SEA WATER, BULK MATERIAL

	648AA	Soft Wall		2" 3" 4" 5" 6"	20	4:1
	615AA	Hard Wall		2" 3" 4" 5" 6" 8"	20	4:1
	622AA (formerly 652AAZ)	Hard Wall		3" 4" 5"	40 bar up to 4" ID 35 bar ID 5"	4:1

BULK MATERIAL

	748AA	Soft Wall		4" 5"	20	4:1
	715AA	Hard Wall		4" 5"	20	4:1

POTABLE WATER

	448LI	Soft Wall		2" 3" 4"	20	4:1
	415LI	Hard Wall		2" 3" 4"	20	4:1

Tensile end Load Resistance kg	Working Temperature	Flammability test	ABS Type Approved Fittings				Certification
			NPT Male	NPT Male for Hook hose lifter	Fixed Flange ASA 150	Swivel Flange ASA 150	
ID 2" 2.000 Kg ID 3" 4.000 Kg ID 4" 7.000 Kg ID ≥ 5" 10.000 Kg	-30 / +90 °C	EN 1762 - Annex A	●	●	●	●	ABS
ID 2" 2.000 Kg ID 3" 4.000 Kg ID 4" 7.000 Kg ID ≥ 5" 10.000 Kg	-30 / +90 °C	EN 1762 - Annex A	●	●	●	●	ABS
ID 3" 6.000 Kg ID ≥ 4" 10.000 Kg	-30 / +90 °C	EN 1762 - Annex A	●	●	●	●	ABS
ID 4" 7.000 Kg ID ≥ 5" 10.000 Kg	-30 / +80 °C	EN 1762 - Annex A	●	●	●	●	ABS
ID 4" 7.000 Kg ID ≥ 5" 10.000 Kg	-30 / +80 °C	EN 1762 - Annex A	●	●	●	●	ABS
ID 2" 2.000 Kg ID 3" 4.000 Kg ID 4" 7.000 Kg	-30 / +80 °C		●	●	●	●	ABS FDA
ID 2" 2.000 Kg ID 3" 4.000 Kg ID 4" 7.000 Kg	-30 / +80 °C		●	●	●	●	ABS FDA

// FUEL, LIQUID MUD, SEA WATER, BULK MATERIAL

// 648AA



Rig supply soft wall - Fuel-liquid mud 20 bar (300 psi)

Tube: black conductive NBR.

Reinforcement: high tensile textile cords - antistatic wire.

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and bulk material transfer.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg

ID ≥ 5" 10.000 kg

ABS Type approved hose assemblies.

Constant operation: -30 °C +90 °C (-22 °F +194 °F)

↔		↔		↙		↘		↷		↻		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
51,0	2"	67,00	2,64	20	300	80	1200	300,0	11,81		1,890	1,28	
76,0	3"	94,00	3,70	20	300	80	1200	456,0	17,95		2,950	1,99	
102,0	4"	120,00	4,72	20	300	80	1200	612,0	24,09		3,950	2,66	
127,0	5"	147,00	5,79	20	300	80	1200	762,0	30,00		5,640	3,80	
152,0	6"	176,00	6,93	20	300	80	1200	912,0	35,91		8,030	5,40	

// 615AA



Rig supply hard wall - Fuel-liquid mud 20 bar (300 psi)

Tube: black conductive NBR.

Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire.

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and bulk material transfer.

Also available in self floating version. Reserve buoyancy calculated according to GMPHOM 2009 standard.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg

ID ≥ 5" 10.000 kg

ABS Type approved hose assemblies.

Constant operation: -30 °C +90 °C (-22 °F +194 °F)

↔		↔		↙		↘		↷		↻		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
51,0	2"	67,00	2,64	20	300	80	1200	255,0	10,04	100	2,230	1,50	
76,0	3"	94,00	3,70	20	300	80	1200	380,0	14,96	90	3,800	2,56	
102,0	4"	122,00	4,80	20	300	80	1200	510,0	20,08	90	5,480	3,69	
127,0	5"	149,00	5,87	20	300	80	1200	635,0	25,00	90	7,760	5,22	
152,0	6"	176,00	6,93	20	300	80	1200	760,0	29,92	90	10,200	6,86	
203,0	8"	237,00	9,33	20	300	80	1200	1015,0	39,96	90	19,060	12,81	

Dimensions shown may be changed without prior notice

// 622AA

**Rig supply hard wall - Fuel-liquid mud****Tube:** black conductive NBR.**Reinforcement:** high tensile textile cords with embedded steel helix wire - antistatic wire.**Cover:** black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.**Application:** fuel, oil and liquid mud transfer from supply vessels to offshore platforms. Also suitable for sea water pumping and bulk material transfer.

Tensile end load resistance:

ID 3" 6.000 kg

ID ≥ 4" 10.000 kg

ABS Type approved hose assemblies.**Constant operation:** -30 °C +90 °C (-22 °F +194 °F)

↔		↔		↙		↘		↖		↗	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
76,0	3"	98,00	3,86	40	600	160	2320	380,0	14,96	90	4,870	3,28
102,0	4"	128,00	5,04	40	600	160	2320	510,0	20,08	90	7,430	5,00
127,0	5"	157,00	6,18	35	525	140	2000	635,0	25,00	90	11,160	7,51

// BULK MATERIAL

// 748AA



Rig supply soft wall - Bulk material 20 bar (300 psi)

Tube: black conductive NR - abrasion resistant.

Reinforcement: high tensile textile cords - antistatic wire.

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: bulk material, sand, barite and dry cement transfer from supply vessels to offshore platforms.

Tensile end load resistance:

ID 4" 7.000 kg

ID ≥ 5" 10.000 kg

ABS Type approved hose assemblies.

Constant operation: -30 °C +80 °C (-22 °F +176 °F)

↔		↔		↻		↻		↵		%		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in		kg/m	lb/ft	
102,0	4"	122,00	4,80	20	300	80	1200	612,0	24,09		4,470	3,01	
127,0	5"	149,00	5,87	20	300	80	1200	762,0	30,00		6,330	4,26	

// 715AA



Rig supply hard wall - Bulk material 20 bar (300 psi)

Tube: black conductive NR - abrasion resistant.

Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire.

Cover: black conductive CR- abrasion, ozone, hydrocarbon and fire resistant.

Application: bulk material, sand, barite and dry cement transfer from supply vessels to offshore platforms.

Also available in self floating version. Reserve buoyancy calculated according to GMPHOM 2009 standard.

Tensile end load resistance:

ID 4" 7.000 kg

ID ≥ 5" 10.000 kg

ABS Type approved hose assemblies.

Constant operation: -30 °C +80 °C (-22 °F +176 °F)

↔		↔		↻		↻		↵		%		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in		kg/m	lb/ft	
102,0	4"	124,00	4,88	20	300	80	1200	510,0	20,08	90	6,060	4,08	
127,0	5"	151,00	5,94	20	300	80	1200	635,0	25,00	90	8,540	5,74	

Dimensions shown may be changed without prior notice

// POTABLE WATER

// 448LI



Rig supply soft wall - Potable water 20 bar (300 psi) FDA

Tube: white NR.
Reinforcement: high tensile textile cords.
Cover: orange NBR/PVC - abrasion, ozone and hydrocarbon resistant.

Application: potable water transfer from supply vessels to offshore platforms. Sterilize with 5% soda solution.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg

ABS Type approved hose assemblies.

Constant operation: -30 °C +80 °C (-22 °F +176 °F)

↔		↔		↙		↘		↷		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	67,00	2,64	20	300	80	1200	300,0	11,81		1,880	1,27
76,0	3"	94,00	3,70	20	300	80	1200	456,0	17,95		2,960	1,99
102,0	4"	120,00	4,72	20	300	80	1200	612,0	24,09		3,990	2,69

// 415LI



Rig supply hard wall - Potable water 20 bar (300 psi) FDA

Tube: white NR.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: orange NBR/PVC - abrasion, ozone and hydrocarbon resistant.

Application: potable water transfer from supply vessels to offshore platforms. Sterilize with 5% soda solution. Also available in self floating version. Reserve buoyancy calculated according to GMPHOM 2009 standard.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg

ABS Type approved hose assemblies.

Constant operation: -30 °C +80 °C (-22 °F +176 °F)

↔		↔		↙		↘		↷		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	67,00	2,64	20	300	80	1200	255,0	10,04	100	2,230	1,50
76,0	3"	94,00	3,70	20	300	80	1200	380,0	14,96	90	3,800	2,56
102,0	4"	122,00	4,80	20	300	80	1200	510,0	20,08	90	5,580	3,76

// COMBINATION NIPPLE

// ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule - Plated steel



Item Code	Part Number	Hose ID in	Hose ID mm	Thread in	Thread type	Hose OD min-max mm
2302332	I1728M00-076090	3	76	3	NPT	88-102
2302333	I1728M00-102114	4	102	4	NPT	114-128
2302334	I1728M00-127140	5	127	5	NPT	139-153
2302335	I1728M00-152165	6	152	6	NPT	166-184
	I1728M0D-102114	4	102	4	NPT	132
2307464	I1728M0D-127140	5	127	5	NPT	157

// ALFACRIMP COMBINATION NIPPLE

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



Item Code	Part Number	Hose ID in	Hose ID mm	Thread in	Thread type	Hose OD min-max mm
2307196	I3728M00-076090	3	76	3	NPT	88-102
2307198	I3728M00-102114	4	102	4	NPT	114-128
2307200	I3728M00-127140	5	127	5	NPT	139-153
2307202	I3728M00-152165	6	152	6	NPT	166-184
	I3728M0D-102114	4	102	4	NPT	132
	I3728M0D-127140	5	127	5	NPT	157

OTHER THREAD TYPE ON REQUEST

Dimensions shown may be changed without prior notice

// ALFACRIMP COMBINATION NIPPLE

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



Item Code	Part Number	Hose ID in	Hose ID mm	Thread in	Thread type	Hose OD min-max mm
2302375	I17F8M00-076090	3	76	3	NPT	88-102
2302376	I17F8M00-102114	4	102	4	NPT	114-128
2302377	I17F8M00-127140	5	127	5	NPT	139-153
2302378	I17F8M00-152165	6	152	6	NPT	166-184
	I17F8MOD-102114	4	102	4	NPT	132
	I17F8MOD-127140	5	127	5	NPT	157

// ALFACRIMP COMBINATION NIPPLE

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



Item Code	Part Number	Hose ID in	Hose ID mm	Thread in	Thread type	Hose OD min-max mm
	I37F8M00-076090	3	76	3	NPT	88-102
	I37F8M00-102114	4	102	4	NPT	114-128
	I37F8M00-127140	5	127	5	NPT	139-153
	I37F8M00-152165	6	152	6	NPT	166-184
	I37F8MOD-102114	4	102	4	NPT	132
	I37F8MOD-127140	5	127	5	NPT	157

// COMBINATION NIPPLE

NPT Male



Item Code	Part Number	Hose ID in	Hose ID mm	Thread in	Thread type	Material	Note Ferrule to be used
1201370	H1212810-323200	2	51	2	NPT	PLATED STEEL	1236591 (H1200TX2-320000)
1240548	H3212810-323200	2	51	2	NPT	S/S 316	1240554 (H3200TX2-320000)



Item Code	Part Number	Hose ID in	Hose ID mm	Thread in	Thread type	Material	Note Ferrule to be used
2307455	I1728100-203219	8	203	8	NPT	PLATED STEEL	2307171 (I107U203-219235)
	I3728100-203219	8	203	8	NPT	S/S 316	2307173 (I307U203-219235)

OTHER THREAD TYPE ON REQUEST

// FIXED FLANGE ASA 150

// FIXED FLANGE - SLIP ON RF - ASA 150

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



Item Code	Part Number	Hose ID in	Hose ID mm	Flange type	Hose OD min-max mm
2307300	I17BEW7B-076076	3	76	ASA 150	88-102
2302366	I17BEW7B-102102	4	102	ASA 150	114-128
2307303	I17BEW7B-127127	5	127	ASA 150	139-153
2302368	I17BEW7B-152152	6	152	ASA 150	166-184
	I17BEW7B-00D102	4	102	ASA 150	132
	I17BEW7B-00D127	5	127	ASA 150	157

// FIXED FLANGE - SLIP ON RF - ASA 150

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



Item Code	Part Number	Hose ID in	Hose ID mm	Flange type	Hose OD min-max mm
2307330	I37BEW7B-076076	3	76	ASA 150	88-102
2307332	I37BEW7B-102102	4	102	ASA 150	114-128
2307334	I37BEW7B-127127	5	127	ASA 150	139-153
2307336	I37BEW7B-152152	6	152	ASA 150	166-184
	I37BEW7B-00D102	4	102	ASA 150	132
	I37BEW7B-00D127	5	127	ASA 150	157

// FIXED FLANGE - SLIP ON RF - ASA 150

Serrated hose shank



Item Code	Part Number	Hose ID in	Hose ID mm	Flange type	Material Hose shank & Flange	Note Ferrule to be used
2307211	I17BE67B-A00051	2	51	ASA 150	PLATED STEEL	1236591 (H1200TX2-320000)
2307255	I37BE67B-A00051	2	51	ASA 150	S/S 316	1240554 (H3200TX2-320000)
2307220	I17BE67B-A00203	8	203	ASA 150	PLATED STEEL	2307171 (I107U203-219235)
2307264	I37BE67B-A00203	8	203	ASA 150	S/S 316	2307173 (I307U203-219235)

OTHER FLANGE TYPE ON REQUEST

Dimensions shown may be changed without prior notice

// SWIVEL FLANGE ASA 150**// SWIVEL FLANGE - LAP JOINT FF - ASA 150****Serrated hose shank complete with pre-crimped ferrule - Plated Steel**

Item Code	Part Number	Hose ID in	Hose ID mm	Flange type	Hose OD min-max mm
2307306	I17BET9A-076076	3	76	ASA 150	88-102
2307308	I17BET9A-102102	4	102	ASA 150	114-128
2307310	I17BET9A-127127	5	127	ASA 150	139-153
2307312	I17BET9A-152152	6	152	ASA 150	166-184
	I17BET9A-00D102	4	102	ASA 150	132
	I17BET9A-00D127	5	127	ASA 150	157

// SWIVEL FLANGE - LAP JOINT FF - ASA 150**Serrated hose shank complete with pre-crimped ferrule - Stainless steel 316**

Item Code	Part Number	Hose ID in	Hose ID mm	Flange type	Hose OD min-max mm
2307338	I37BET9A-076076	3	76	ASA 150	88-102
2307340	I37BET9A-102102	4	102	ASA 150	114-128
2307342	I37BET9A-127127	5	127	ASA 150	139-153
2307344	I37BET9A-152152	6	152	ASA 150	166-184
	I37BET9A-00D102	4	102	ASA 150	132
	I37BET9A-00D127	5	127	ASA 150	157

// SWIVEL FLANGE - LAP JOINT FF - ASA 150**Serrated hose shank**

Item Code	Part Number	Hose ID in	Hose ID mm	Flange type	Material Hose shank & Flange	Note Ferrule to be used
2307222	I17BE79A-A00051	2	51	ASA 150	PLATED STEEL	1236591 (H1200TX2-320000)
2307266	I37BE79A-A00051	2	51	ASA 150	S/S 316	1240554 (H3200TX2-320000)
2307231	I17BE79A-A00203	8	203	ASA 150	PLATED STEEL	2307171 (I107U203-219235)
2307275	I37BE79A-A00203	8	203	ASA 150	S/S 316	2307173 (I307U203-219235)

OTHER FLANGE TYPE ON REQUEST

// ACCESSORIES

// HOSE FLOAT



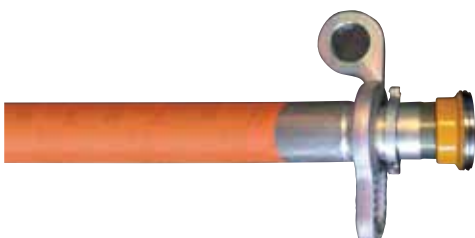
Features:

- High buoyancy.
- Strong elastic material with excellent resistance to deformation.

Material: low density ethylene vinyl acetate (EVA).

Size: 3" - 4" - 5"

// HOOK HOSE LIFTER



Features:

Specifically designed for use in bulk loading hose to move the string during bunkering operations.

Supplied with a retaining clamp to prevent the hook moving out of place on the swaged fitting.

Provided with proof load test certificate.

Material: forged steel.

Size: 3" - 4" - 5" - 6"

Range:

- Single eye
- Double eye

// HAMMER LUG UNION



Features:

Three lug nuts and self-locking ACME threads to provide a quick make-up and break-out. Color coding for quick identification.

Material: forged steel matching ASTM or AISI standards.

Range:

- Fig.50: cold working pressure: 500 psi.
Available with female thread.
- Fig.100: cold working pressure: 1.000 psi.
Available with female thread.
- Fig.200: cold working pressure: 2.000 psi.
Available with female thread.
- Fig.206: similar to Fig.200 with a secondary seal (O-ring presence in male sub). Recommended for use in corrosive environments.
Cold working pressure: 2.000 psi.
Available with female thread.

Other union types on request.

Dimensions shown may be changed without prior notice

// SAFETY BREAK-AWAY COUPLING



Features:

Designed to prevent pull away accidents, protect terminal and loading/unloading equipment and eliminate unwanted product release.

Maximum Working pressure: 10/16/25 bar

Material: aluminium, stainless steel. Other materials on request.

Sizes: from 2" up to 6"

Connections: female and male thread (NPT/BSP), flange (ANSI/EN). Other connections on request.

Range:

- Marine Break-away
- Industrial Break-away

// DRY DISCONNECT COUPLING



Features:

Self-sealing design to ensure the highest level of safety in applications where zero tolerance spillage is required.

Material: aluminium, stainless steel. Other materials on request.

Size: from 2" up to 6"

Connections: available with female/male thread (NPT/BSP) and flange (ANSI/EN).



Gumi Tel Aviv LTD.

10 Hamashbir St., Holon 58855 Israel
Tel +972.3.7357708 – Fax +972.3.7357707
Whatapp only 052-4343109
gad@gumi.co.il – www.gta.co.il



FOOD HOSE









ALFAGOMMA














// HOSE IDENTIFICATION TABLE

HOSE	TUBE	MAX TEMP. (°C)	WP (bar)	STERILIZATION	TECHNICAL FEATURES AND NORMS					
					 PHTHALATE FREE	 FDA TITLE 21	 2004/1935 EC	 10/2011 EC	 2006/2023 EC	FRANCE 1994/11/09 CAT. D

PVC HOSE

	49000	PVC	+60		5% Soda	◆	◆				
	49200	PVC	+60	Max 20	5% Soda	◆	◆	◆	A+B+C	◆	
	4660L	PVC	+60	Max 8	5% Soda	◆	◆	◆	A+B+C	◆	
	4680H	PVC	+60	Max 7	5% Soda	◆	◆	◆	A+B+C	◆	
	47200	PVC	+60	Max 15	5% Soda	◆	◆	◆	A+B+C	◆	
	395BT	PVC	+70	50		◆		◆	A+B+C	◆	

RUBBER HOSE

	350LE	EPDM	+165	15 Water 6 Steam		◆	◆				
	452LH	NR	+80	10	Steam 110°C / 10' 5% Soda	◆	◆	◆		◆	IANESCO
	402LH	NR	+80	10	Steam 110°C / 10' 5% Soda	◆	◆	◆		◆	IANESCO
	410LL	CIIR	+108	16	Steam 130°C / 30' 5% Soda	◆	◆	◆		◆	IANESCO
	412LE	NR	+80	10	Steam 110°C / 10' 5% Soda	◆	◆	◆		◆	IANESCO
	418LE	NR	+80	10	Steam 110°C / 10' 5% Soda	◆	◆	◆		◆	IANESCO
	455LE	NBR	+80	10	Steam 130°C / 30' 5% Soda	◆	◆	◆		◆	
	405LE	NBR	+80	10	Steam 130°C / 30' 5% Soda	◆	◆	◆		◆	
	417LE	NBR	+80	16	Steam 130°C / 30' 5% Soda	◆	◆	◆		◆	
	5090E	UPE	+100	16	Steam 110°C / 10' 5% Soda	◆	◆	◆	A+B+C+D2	◆	
	903LE	EPDM	+180	10	Steam 130°C / 30' 5% Soda	◆	◆				
	720LA	NR	+80	10	5% Soda	◆	◆				
	760LA	NR	+80	5	5% Soda	◆	◆				

ITALY D.M. 21/03/73	ALCOHOLIC BEVERAGES				DAIRY INDUSTRY		FOOD INDUSTRY				CLEANING
	≤20%	≤50%	≤75%	≤95%	MILK COLLECTING	MILK TRANSPORT	JUICES, SODAS, SAUCES, SOUPS WITH ACIDITY CONTENT	LIQUID FOOD	FAT FOOD	BULK FOOD	FOOD ENVIRONMENT

								◆			
	◆							◆			
	◆							◆			
	◆							◆			
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CERISIE			◆				◆	◆	◆		
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CERISIE			◆				◆	◆	◆		
				◆			◆	◆	◆	◆	
	◆						◆	◆			
										◆	
										◆	

// FULL COMPLIANCE WITH EUROPEAN REGULATIONS

ALFAGOMMA offers a wide range of rubber and PVC hoses for food transfer fully complying with the existing regulations for materials in contact with food:

EC 1935/2004

General requirements for materials that come into contact with food.

ALFAGOMMA food hoses are specifically developed to meet the migration limits so as not to endanger human health, change the food composition or deteriorate the taste and odour of food.

EC 2023/2006

Good manufacturing practice for materials and articles intended to come into contact with food
ALFAGOMMA has thorough quality assurance and control systems

EU 10/2011

Requirements for plastic materials, restrictions on the use of phthalates, use of specific simulants depending on food types:

	SIMULANT	FOOD
A	ethanol 10%	aqueous foods
B	acetic acid 3%	acidic foods
C	ethanol 20%	alcoholic foods up to an alcoholic content of 20%
D1	ethanol 50%	alcoholic foods with an alcoholic content of above 20% and milk products
D2	vegetable oil	fat foods
E	MPPO (Tenax)	dry foods

ALFAGOMMA PVC food hoses are totally phthalate free.

NATIONAL LEGISLATIONS OF EU MEMBER STATES

ALFAGOMMA rubber food hoses are tested by approved external laboratory according to the most important european national provisions.

ACCORDING TO EC 1935/2004, THE FULL RANGE OF AG FOOD HOSES BEAR THE “GLASS AND FORK”  SYMBOL ON THE BRAND.



Gumi Tel Aviv LTD.

10 Hamashbir St., Holon 58855 Israel
Tel +972.3.7357708 – Fax +972.3.7357707
Whatapp only 052-4343109
gad@gumi.co.il – www.gta.co.il



FOOD HOSE CLEANING INSTRUCTIONS



// GUIDELINES FOR CLEANING OF ALFAGOMMA RUBBER FOOD HOSE

ALFAGOMMA cleaning instructions are guidelines only.

Possible national government regulations supersede the following suggestions regarding food hose cleaning.

The frequency and time of the cleaning operations could affect the life of the hose.

Users should regularly check the physical and mechanical conditions of the hose.

CLEANING BEFORE FIRST USE

Hose	Prewash	Cleaning				Final Wash
		Media	Max Concentration	Max Temperature	Max Exposure Time	
452LH 402LH 412LE 418LE 509OE 720LA 760LA	Drinking Water 80 °C 10 min	Steam	—	110 °C	30 min	Drinking Water 80 °C 10 min
455LE 405LE 417LE 410LL		Sodium Hydroxide	2%	40 °C	—	
			5%	20 °C		

STANDARD CLEANING

Hose	Cleaning				Final Wash
	Media	Max Concentration	Max Temperature	Max Exposure Time	
452LH 402LH 412LE 418LE	Steam	—	110 °C	10 min	Drinking Water 80 °C 10 min
509OE 720LA 760LA	Sodium Hydroxide	2%	40 °C	—	
		5%	20 °C		
455LE 405LE	Steam	—	130 °C	30 min	
417LE 410LL	Sodium Hydroxide	2%	40 °C	—	
		5%	20 °C		

**BEFORE USING ALTERNATIVE MEDIA, PLEASE CONTACT ALFAGOMMA.
AVOID HIGH PRESSURE CLEANING OF THE HOSE TUBE.**



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