KIOWA

ALFAGOMMA GROUP

FOOD INDUSTRY
FLUID HANDLING SOLUTIONS



// SERVING THE FOOD INDUSTRY

Our food and beverage hose solutions are **designed to ensure hygienic, efficient, and dependable product transfer** throughout the production process. Combining regulatory compliance with outstanding durability, our range supports applications involving dairy products, beverages, edible oils, liquid foods, and dry ingredients.

Kiowa understands the challenges faced by modern food manufacturers, from maintaining product purity and traceability to maximising uptime and operational efficiency. Whether **supplying breweries, dairies, food processing facilities, bottling plants, or commercial food production environments**, our hoses are engineered to provide reliable performance, ease of cleaning, and long service life, helping customers maintain the highest standards of food safety and productivity.



Alfagomma Group grants access to **global supply chains, expertise spanning 5 continents**, and means your feedback gets relayed straight to the product design engineers in the factory; **tailoring global solutions to the UK market.**

// HOSE & FITTINGS FOR FOOD APPLICATIONS

Kiowa and Alfagomma offer a comprehensive range of high-quality **hoses and fittings**, engineered to meet the stringent requirements of the **food industry**.

Our solutions are ideal for transferring a wide variety of **liquid** and **bulk food products** across multiple applications.

KEY APPLICATIONS

- **Food Processing Plants**
- **Dairy Product Handling and Milk Collection**
- **Breweries and Wineries**
- **Cleaning Operations in Food Environments**

SUITABLE FOR HANDLING

- **Milk**
- **Liquid Non-fatty Foods**
- **Alcoholic Beverages**
- **Fatty Foods**
- **Bulk Foods**

ENGINEERED FOR PERFORMANCE

Alfagomma hoses are manufactured using various tube compounds and constructions to ensure:

- **Optimal chemical resistance** based on the type of food conveyed
- **Tailored performance** for each specific application
- **Maximum durability**, **hygiene**, and regulatory **compliance** in demanding food environments

FITTINGS AND HOSE ASSEMBLY SOLUTIONS

Alfagomma supplies a wide range of industrial fittings with suitable ferrules, clamps and accessories to guarantee quality, reliability and optimal performance with Alfagomma hoses:

- **AISI 316 stainless steel** material for full compatibility with the fluids transferred.
- Broad assortment of **connection styles** to match customer requirements across different applications and countries.
- Assembled on industrial hoses using crimped or clamped solutions for an **integrated tested system** that meet the specific technical requirements of food applications.

// FULL COMPLIANCE WITH UK & EUROPEAN REGULATIONS

Kiowa & Alfagomma offer a wide range of rubber and PVC hoses for food transfer fully complying with the existing regulations for materials in contact with food:

FOOD SAFETY & COMPLIANCE

- Compliant with Regulation (EC) 1935/2004
- Manufactured in accordance with GMP Regulation (EC) 2023/2006
- PVC materials compliant with Regulation (EU) 10/2011
- FDA compliant materials available
- Phthalate-free constructions available
- Migration-tested and fully traceable
- Declarations of Compliance available on request

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 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.

FOOD INDUSTRY

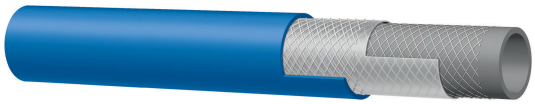
		TECHNICAL FEATURES AND NORMS											ALCOHOLIC BEVERAGES				DAIRY INDUSTRY		FOOD INDUSTRY				CLEANING
	HOSE	TUBE	MAX TEMP. (°C)	WP (bar)	STERILIZATION	PHTHALATE & BPA FREE	TITLE 21	3-A 18-03	2004/1935 EC 2006/2023 EC	10/2011 EC	FRANCE 1994/11/09 CAT.D	ITALY D.M. 21/03/73	≤20%	≤50%	≤75%	≤95%	MILK COLLECTING	MILK TRANSPORT	JUICES, SODAS, SAUCES, SOUPS WITH ACIDITY CONTENT	LIQUID FOOD	FAT FOOD	BULK FOOD	FOOD ENVIRONMENT
PVC HOSE																							
	395BT	PVC	+70	40		●			●	A+B+C										●			●
	4900	PVC	+60		5% Soda	●	●													●			
	4920	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			●							●			
	4720	PVC	+60	Max 15	5% Soda	●	●		●	A+B+C			●							●			
WASHDOWN HOSE																							
	450LE EVOLUTION	NBR	+120	+10	Steam 130°C / 30' 5% Soda	●	●	Class II	●			CERISIE			●		●	●	●	●	●		
RUBBER HOSE																							
	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	●	●	Class IV	●			CERISIE				●			●	●			
	350LE	EPDM	+165	15 Water 6 Steam		●	●	Class III	●		IANESCO			●						●			●
	412LE	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●										●	●		●			
	418LE	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●		IANESCO						●	●		●			
	455LE	NBR	+100	10	Steam 130°C / 30' 5% Soda	●	●	Class II	●			CERISIE			●				Max Temp. +80 °C	●	●		
	400LE EVOLUTION	NBR	+120	+10	Steam 165°C / 30' 5% Soda	●	●	Class II	●			CERISIE			●		●	●	●	●	●		
	405LE	NBR	+100	10	Steam 130°C / 30' 5% Soda	●	●	Class II	●			CERISIE			●				Max Temp. +80 °C	●	●		
	417LE	NBR	+100	16	Steam 130°C / 30' 5% Soda			Class II	●			CERISIE			●				Max Temp. +80 °C	●	●		
	509OE	UPE	+100	16	Steam 110°C / 10' 5% Soda	●	●		●	A+B+C+D2						●			●	●	●	●	
	720AA	NR	+80	10	5% Soda	●	●															●	
	760AA	NR	+80	5	5% Soda	●	●															●	

FOOD INDUSTRY

// HOSE SPECIFICATION

// PVC HOSE

//395BT



PHTHALATE & BPA FREE

2004/1935 EC 2008/2023 EC

Hot water wash down 40 bar (600 psi)
EU 10/2011 A+B+C

Tube: grey non-toxic PVC.
Reinforcement: high tensile textile cords.
Cover: light blue synthetic elastomer - abrasion, ozone, animal fats and vegetable oils resistant.
Application: hot water wash down.
Specially designed for the food and dairy industry.
Designed for 40 bar at 70° C continuous use.
240 bar minimum burst pressure at 20 °C.
Food grade.
Constant operation: -10 °C +70 °C (+14 °F +158 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
12,0	15/32"	22,00	0,87	40	600	120	1750	84,0	3,31		0,340	0,23

//49000



PHTHALATE & BPA FREE

General purpose tubing - PVC
FDA

Tube: transparent PVC.
Application: general purpose.
Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
3,0	1/8"	5,00	0,20								0,015	0,02
4,0	5/32"	6,00	0,24								0,020	0,02
5,0	3/16"	8,00	0,31								0,040	0,03
6,0	1/4"	9,00	0,35								0,045	0,04
7,0	9/32"	11,00	0,43								0,070	0,05
8,0	5/16"	12,00	0,47								0,080	0,06
10,0	3/8"	14,00	0,55								0,095	0,07
12,0	15/32"	16,00	0,63								0,110	0,08
14,0	9/16"	19,00	0,75								0,160	0,11
16,0	5/8"	22,00	0,87								0,220	0,15
18,0	23/32"	24,00	0,94								0,245	0,17
20,0	13/16"	26,00	1,02								0,265	0,18
22,0	7/8"	28,00	1,10								0,290	0,20
25,0	1"	32,00	1,26								0,415	0,28

//49200



PHTHALATE & BPA FREE

2004/1935 EC 2006/2023 EC

General purpose food quality - PVC FDA - EU 10/2011 A+B+C - AS 2070

Tube: transparent PVC.
Reinforcement: high tensile textile cords.
Cover: transparent PVC with longitudinal red stripes - abrasion and ozone resistant.
Application: general purpose food quality.
Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
6,0	1/4"	11,00	0,43	20	300	60	900				0,085	0,06
6,0	1/4"	12,00	0,47	20	300	60	900				0,110	0,08
8,0	5/16"	13,00	0,51	15	225	45	650				0,105	0,08
8,0	5/16"	14,00	0,55	15	225	45	650				0,130	0,09
10,0	3/8"	15,00	0,59	15	225	45	650				0,125	0,09
10,0	3/8"	16,00	0,63	15	225	45	650				0,155	0,11
13,0	1/2"	19,00	0,75	10	150	30	450				0,190	0,13
16,0	5/8"	22,00	0,87	10	150	30	450				0,225	0,16
19,0	3/4"	25,00	0,98	10	150	30	450				0,260	0,18
19,0	3/4"	26,00	1,02	10	150	30	450				0,310	0,21
25,0	1"	32,00	1,26	10	150	30	450				0,390	0,27
25,0	1"	33,00	1,30	10	150	30	450				0,450	0,31
30,0	1 3/16"	38,00	1,50	7	100	21	300				0,530	0,36
32,0	1 1/4"	42,00	1,65	7	100	21	300				0,715	0,49
38,0	1 1/2"	48,00	1,89	7	100	21	300				0,830	0,56
51,0	2"	63,00	2,48	6	90	18	270				1,330	0,90

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PHTHALATE & BPA FREE

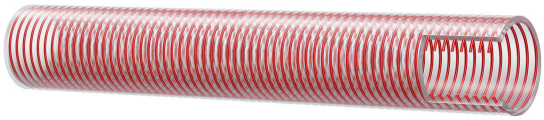
2004/1935 EC 2006/2023 EC

General purpose S&D - PVC - Standard duty FDA - EU 10/2011 A+B+C - AS 2070

Construction: transparent PVC - abrasion and ozone resistant.
Reinforcement: white shock resistant rigid PVC.
Application: general purpose liquid food and alcoholic beverages suction and delivery.
Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
20,0	13/16"			8	120	24	350	90,0	3,54	70	0,230	0,16
25,0	1"			8	120	24	350	113,0	4,45	70	0,290	0,20
30,0	1 3/16"			7	100	21	300	135,0	5,31	70	0,360	0,25
32,0	1 1/4"			7	100	21	300	144,0	5,67	70	0,390	0,27
35,0	1 3/8"			7	100	21	300	158,0	6,22	70	0,440	0,30
38,0	1 1/2"			6	90	18	270	171,0	6,73	70	0,510	0,35
40,0	1 9/16"			6	90	18	270	180,0	7,09	70	0,540	0,37
45,0	1 3/4"			6	90	18	270	203,0	7,99	70	0,670	0,46
51,0	2"			5	75	15	225	230,0	9,06	70	0,760	0,52
55,0	2 1/6"			5	75	15	225	247,0	9,72	70	0,810	0,55
60,0	2 3/8"			5	75	15	225	270,0	10,63	70	0,920	0,62
63,0	2 1/2"			5	75	15	225	284,0	11,18	70	0,970	0,66
70,0	2 3/4"			5	75	15	225	315,0	12,40	70	1,160	0,78
76,0	3"			5	75	15	225	342,0	13,46	70	1,330	0,90
80,0	3 1/8"			4	60	12	180	360,0	14,17	70	1,450	0,98
90,0	3 1/2"			4	60	12	180	405,0	15,94	70	1,800	1,21
102,0	4"			4	60	12	180	459,0	18,07	70	2,190	1,48
120,0	4 3/4"			3	45	9	135	540,0	21,26	50	2,700	1,82

//4680H



PHTHALATE & BPA FREE

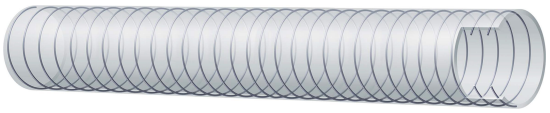
2004/1935 EC 2006/2023 EC

Liquid food S&D - PVC - Heavy duty FDA - EU 10/2011 A+B+C - AS 2070

Construction: transparent PVC - abrasion and ozone resistant.
Reinforcement: red shock resistant rigid PVC.
Application: liquid food and alcoholic beverages suction and delivery - max 20%.
Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"			7	100	21	300	125,0	4,92	90	0,405	0,28
32,0	1 1/4"			7	100	21	300	160,0	6,30	90	0,530	0,36
38,0	1 1/2"			7	100	21	300	190,0	7,48	90	0,745	0,51
40,0	1 9/16"			7	100	21	300	200,0	7,87	90	0,765	0,52
51,0	2"			7	100	21	300	255,0	10,04	90	1,015	0,69
60,0	2 3/8"			7	100	21	300	300,0	11,81	90	1,475	1,00
63,0	2 1/2"			6	90	18	270	315,0	12,40	90	1,525	1,03
76,0	3"			5	75	15	225	380,0	14,96	90	1,930	1,30
80,0	3 1/8"			5	75	15	225	400,0	15,75	90	2,135	1,44
102,0	4"			4	60	12	180	510,0	20,08	90	3,355	2,26
120,0	4 3/4"			3	45	9	135	600,0	23,62	80	3,645	2,45

//47200



PHTHALATE & BPA FREE

2004/1935 EC 2006/2023 EC

General purpose food quality S&D - PVC FDA - EU 10/2011 A+B+C - AS 2070

Construction: transparent PVC - abrasion and ozone resistant.
Reinforcement: steel helix wire.
Application: general purpose liquid food and alcoholic beverages suction and delivery - max 20%. Sterilize with 5% soda solution.
Constant operation: -5 °C +60 °C (+23 °F +140 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
10,0	3/8"	16,00	0,63	15	225	45	650	40,0	1,57	90	0,160	0,11
13,0	1/2"	19,00	0,75	7	100	21	300	52,0	2,05	85	0,195	0,14
14,0	9/16"	20,00	0,79	6	90	18	270	56,0	2,20	85	0,210	0,15
16,0	5/8"	22,00	0,87	6	90	18	270	64,0	2,52	85	0,250	0,17
18,0	23/32"	25,00	0,98	6	90	18	270	72,0	2,83	85	0,300	0,21
20,0	13/16"	27,00	1,06	5	75	15	225	80,0	3,15	85	0,330	0,23
22,0	7/8"	29,00	1,14	5	75	15	225	88,0	3,46	85	0,380	0,26
25,0	1"	33,00	1,30	5	75	15	225	100,0	3,94	85	0,515	0,35
30,0	1 3/16"	38,00	1,50	4	60	12	180	120,0	4,72	85	0,610	0,41
32,0	1 1/4"	40,00	1,57	4	60	12	180	128,0	5,04	85	0,650	0,44
35,0	1 3/8"	44,00	1,73	4	60	12	180	140,0	5,51	85	0,785	0,53
38,0	1 1/2"	47,00	1,85	4	60	12	180	152,0	5,98	85	0,810	0,55
40,0	1 9/16"	49,00	1,93	3	45	9	135	160,0	6,30	85	0,885	0,60
45,0	1 3/4"	55,00	2,17	3	45	9	135	180,0	7,09	80	1,100	0,74
51,0	2"	61,00	2,40	3	45	9	135	204,0	8,03	80	1,230	0,83
60,0	2 3/8"	72,00	2,83	2	30	6	90	240,0	9,45	80	1,700	1,15
63,0	2 1/2"	75,00	2,95	2	30	6	90	252,0	9,92	80	1,775	1,20
70,0	2 3/4"	84,00	3,31	2	30	6	90	280,0	11,02	80	2,030	1,37
76,0	3"	90,00	3,54	2	30	6	90	304,0	11,97	70	2,350	1,58
80,0	3 1/8"	94,00	3,70	2	30	6	90	320,0	12,60	70	2,500	1,69
90,0	3 1/2"	104,00	4,09	2	30	6	90	360,0	14,17	70	3,000	2,02
102,0	4"	116,00	4,57	2	30	6	90	408,0	16,06	70	3,480	2,34
105,0	4 1/8"	121,00	4,76	3	45	9	135	420,0	16,54	90	4,250	2,86
152,0	6"	172,00	6,77	2	30	6	90	608,0	23,94	70	7,200	4,84

ALFAGOMMA ITALY 529 CHEMICAL SD
ALFAGOMMA ITALY 757 40 bar (600 psi) PLASTER Ω
ALFAGOMMA ITALY 605 10 bar (150 psi) PETROLEUM S&D Ω - SAE100
ALFAGOMMA ITALY /// 412 EVOLUTION /// 10 bar (150 psi)

// WASHDOWN

HOSE REELS

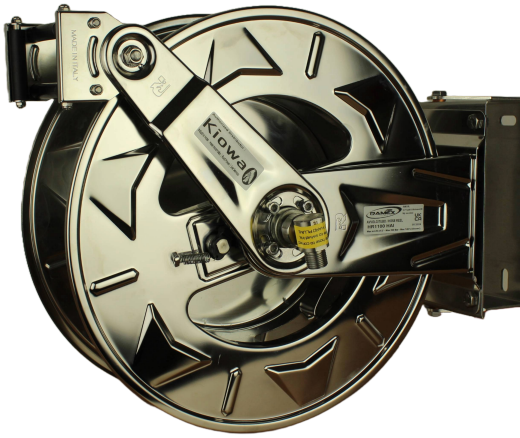
Slow Retraction: The Kiowa "Slow Retraction Safety Series", are constructed in non-corrosive, 304 grade stainless steel and powder coated mild steel and have become an industry standard for health, safety & best practice. The adjustable retraction speed can be tailored to suit the operators and the environment. The slow retraction safety feature will prolong the working life of the reel assembly, hose & eliminate the risk of personal injury should the operator suffer a "Slip, Trip or fall" or accidentally lose control of the hose.

Pivoting Wall Brackets: Kiowa pivoting wall brackets are also available from stock as an optional extra. Highly recommended for wall mounting positions where a larger working area needs to be covered without compromising performance & reliability. Horizontal span areas are more efficiently covered between 140°- 180° easing the payout & retrieval of the main hose assembly. Hose reel & hose longevity are guaranteed.









// AV3500

The **AV3500 (HR3500 HAI)** is a heavy-duty automatic hose reel manufactured from **AISI 304 stainless steel**, offering excellent corrosion resistance and long-term reliability in hygiene-critical food and beverage environments. Designed to handle up to **35 metres of hose**, the AV3500 is ideal for larger production areas where extended reach is required for cleaning, washdown and fluid transfer operations. With a **maximum working pressure of 250 bar** and resistance to intermittent **temperatures up to 140°C**, it delivers dependable performance under demanding operating conditions. The smooth automatic rewind system helps improve workplace safety, protects the hose from damage and ensures efficient hose management, making the AV3500 a robust solution for food industry fluid power applications.

// AV1100

The **AV1100 (HR1100 HAI)** is a compact automatic hose reel manufactured from AISI 304 stainless steel, making it well suited to demanding food and beverage production environments where durability, hygiene and corrosion resistance are essential. Designed to accommodate up to **20 metres of ½" hose**, it provides safe, efficient hose management while helping to keep work areas organised and reducing trip hazards. With a **maximum working pressure of 250 bar** and resistance to intermittent **temperatures up to 140°C**, the AV1100 is ideal for washdown, cleaning and fluid transfer applications commonly found across food processing facilities. Its robust automatic rewind mechanism improves operational efficiency and extends hose life, delivering a reliable solution for everyday fluid power and hygiene-critical operations.

WASHDOWN HOSE

ALFAGOMMA 450LE EVOLUTION

Steam 6 bar (90 psi) - Hot water 20 bar (300 psi)

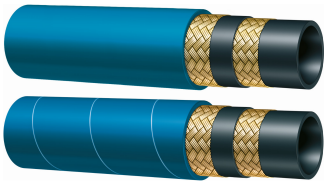
- High tensile textile braid.
- Resistant to animal and vegetable fats.
- Special construction for reeling applications.
- Cover: blue NBR/PVC - abrasion, ozone and oil resistant.



ALFAGOMMA 450 EVOLUTION — STEAM 6 bar (90 psi) HOT WATER 20 bar (300 psi) — FAT RESISTANT — AGCLEAN

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
13,0	1/2"	23,0	0,91	6	90	60	900	65	2,56	0,440	0,30
19,0	3/4"	30,0	1,18	6	90	60	900	95	3,74	0,650	0,44
25,0	1"	36,0	1,42	6	90	60	900	125	4,92	0,820	0,56

HIGH-PRESSURE WASHDOWN HOSE





Tube: oil, detergents and hot water resistant synthetic rubber.

Reinforcement: one high tensile steel braid.

Cover: abrasion, ozone and hydrocarbon resistant blue synthetic rubber, pin-pricked. Black cover also available.

Application: high pressure power cleaners. Specially designed for hot water applications. Not recommended for steam service.

ALFAJET400

- 5,850 PSI Working Pressure
- Hot Water Resistant (exc. steam)
- Up to 20,000 PSI Burst Pressure

ALFAJET210

- 3,000 PSI Working Pressure
- Hot Water Resistant (exc. steam)
- Up to 12,000PSI Burst Pressure

ALFAJET210 SPECIFICATION

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1000192	4	6,0	1/4"	12,1	0,48	21,0	3000	84,0	12000	50	1,97	0,161	0,11
1000185	5	8,0	5/16"	14,1	0,56	21,0	3000	84,0	12000	60	2,36	0,184	0,13
1000098	6	10,0	3/8"	15,6	0,61	21,0	3000	73,0	10588	65	2,56	0,250	0,17
1000166	8	13,0	1/2"	19,5	0,77	21,0	3000	73,0	10588	90	3,54	0,359	0,25

ALFAJET400 SPECIFICATION

Item Code	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
1000221	4	6,0	1/4"	13,2	0,52	40,0	5850	140,0	20000	70	2,76	0,250	0,17
1000220	5	8,0	5/16"	14,9	0,59	40,0	5850	140,0	20000	76	2,99	0,293	0,20
1000219	6	10,0	3/8"	16,7	0,66	40,0	5850	130,0	18900	90	3,54	0,363	0,25
1000218	8	13,0	1/2"	20,1	0,79	40,0	5850	120,0	17450	115	4,53	0,477	0,33

ULTRA HIGH-PRESSURE WASHDOWN HOSE

ULTRAJET 200



Tube: oil resistant synthetic rubber.
Reinforcement: one high tensile textile braid.

Cover: abrasion, ozone and hydrocarbon resistant synthetic rubber.
Application: specially designed for professional and industrial high pressure cleaning.
Antimicrobial protection.

Temperature: -40 °C +121 °C (-40 °F +250 °F)
Length: fixed and random

Part Number	ID (dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
8V4AE010	10	10,0	3/8"	19,0	0,7	20,0	2900	50,0	7250	25	0,98	0,242	0,16
8V4AE012	12	13,0	1/2"	20,7	0,81	20,0	2900	50,0	7250	100	3,94	0,281	0,19

ACCESSORIES



DINGAS

Available from stock, tailored options available.



NOZZLES

Available in different sizes, angles and flow rates.

We have a wide range of accessories with our washdown products, from end caps, BSP fittings, and much more. Get in touch with our team to configure your own hose reel and washdown packages.

// SPILL CONTROL

We have too many spill control products to list in this brochure, but you can scan or click the QR code to shop our spill control range on our ecommerce site.



CONTROLLING A SPILL



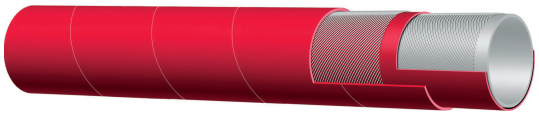
BEING READY



PREVENTION & CONTAINMENT

// RUBBER HOSE

//452IH



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2004/1935 EC 2006/2023 EC

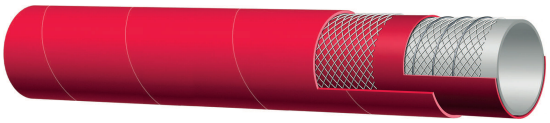
IANESCO

Liquid food delivery 10 bar (150 psi) FDA - arrêté du 09/11/94 D

Tube: white NR.
Reinforcement: high tensile textile cords.
Cover: red NBR/PVC - abrasion and ozone resistant.
Application: liquid food and alcoholic beverages delivery - max 50%.
Sterilize with 110 °C (230 °F) steam for 10 minutes or with 5% soda solution.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,00	0,91	10	150	30	450				0,380	0,26
19,0	3/4"	31,00	1,22	10	150	30	450				0,610	0,41
25,0	1"	37,00	1,46	10	150	30	450				0,760	0,52
32,0	1 1/4"	44,00	1,73	10	150	30	450				0,930	0,63
38,0	1 1/2"	50,00	1,97	10	150	30	450				1,080	0,73
51,0	2"	65,00	2,56	10	150	30	450				1,690	1,14
63,0	2 1/2"	77,00	3,03	10	150	30	450				2,030	1,37
76,0	3"	92,00	3,62	10	150	30	450				2,810	1,89

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2004/1935 EC 2006/2023 EC

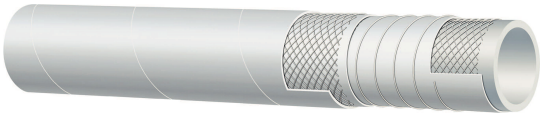
IANESCO

Liquid food S&D 10 bar (150 psi) FDA - arrêté du 09/11/94 D

Tube: white NR.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: red NBR/PVC - abrasion and ozone resistant.
Application: liquid food and alcoholic beverages suction and delivery - max 50%.
Special construction for maximum flexibility.
Sterilize with 110 °C (230 °F) steam for 10 minutes or with 5% soda solution.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"	37,00	1,46	10	150	30	450	75,0	2,95	100	0,910	0,62
38,0	1 1/2"	50,00	1,97	10	150	30	450	114,0	4,49	100	1,260	0,85
51,0	2"	63,00	2,48	10	150	30	450	153,0	6,02	100	1,620	1,09
76,0	3"	88,00	3,46	10	150	30	450	228,0	8,98	90	2,550	1,72
102,0	4"	116,00	4,57	10	150	30	450	306,0	12,05	90	3,540	2,38

//410LL



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2004/1935 EC 2006/2023 EC

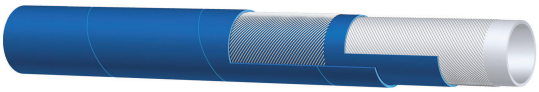
IANESCO

Alcoholic beverages S&D 16 bar (240 psi) - Crush resistant
FDA - 3-A - arrêté du 09/11/94 D

Tube: white chlorobutyl.
Reinforcement: high tensile textile cords with embedded PET helix.
Cover: white EPDM - abrasion and ozone resistant.
Application: liquid food and alcoholic beverages suction and delivery - max 95%.
Special crush resistant construction.
Sterilize with 130 °C (266 °F) steam for 30 minutes or with 5% soda solution.
Constant operation: -30 °C +108 °C (-22 °F +226 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"	37,00	1,46	16	240	48	720	100,0	3,94	100	0,870	0,59
38,0	1 1/2"	52,00	2,05	16	240	48	720	152,0	5,98	100	1,470	0,99
51,0	2"	65,00	2,56	16	240	48	720	204,0	8,03	100	1,900	1,28
76,0	3"	92,00	3,62	16	240	48	720	304,0	11,97	100	3,210	2,16

//350LE



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2004/1935 EC 2006/2023 EC

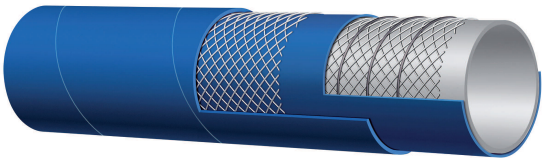
IANESCO

Steam 6 bar (90 psi) - Hot water 15 bar (225 psi)
FDA - 3-A - arrêté du 09/11/94 D

Tube: white EPDM.
Reinforcement: high tensile textile cords.
Cover: blue EPDM - heat, abrasion and ozone resistant.
Application: saturated steam and hot water delivery in general industrial applications. Specially designed for wash down use in the food and dairy industry.
Also suitable for liquid food and alcoholic beverages.
Constant operation: water -40 °C +120 °C (-40 °F +248 °F) steam +165 °C (+330 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,00	0,91	6	90	60	900				0,360	0,25
16,0	5/8"	26,00	1,02	6	90	60	900				0,420	0,29
19,0	3/4"	31,00	1,22	6	90	60	900				0,590	0,40
25,0	1"	37,00	1,46	6	90	60	900				0,740	0,50
32,0	1 1/4"	46,00	1,81	6	90	60	900				0,930	0,63
38,0	1 1/2"	52,00	2,05	6	90	60	900				1,090	0,74
51,0	2"	67,00	2,64	6	90	60	900				1,660	1,12

//412LE



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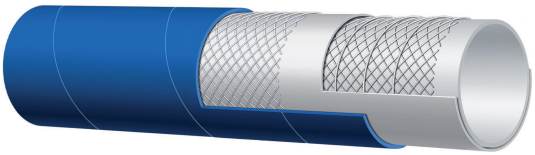
2 x ID

Milk tanker 10 bar (150 psi) - Hard wall FDA - arrêté du 09/11/94 D

Tube: white NR.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: blue NR/EPDM - abrasion and ozone resistant.
Application: liquid food suction and delivery.
Special construction for maximum flexibility in milk tanker applications.
Sterilize with 110 °C (230 °F) steam for 10 minutes or with 5% soda solution.
Constant operation: -40 °C +80 °C (-40 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"	35,00	1,38	10	150	30	450	50,0	1,97	100	0,660	0,45
32,0	1 1/4"	42,00	1,65	10	150	30	450	64,0	2,52	100	0,810	0,55
38,0	1 1/2"	48,00	1,89	10	150	30	450	76,0	2,99	100	0,940	0,64
40,0	1 9/16"	50,00	1,97	10	150	30	450	80,0	3,15	100	0,980	0,66
42,0	1 5/8"	52,00	2,05	10	150	30	450	84,0	3,31	100	1,030	0,70
51,0	2"	61,00	2,40	10	150	30	450	102,0	4,02	100	1,220	0,82
63,0	2 1/2"	75,00	2,95	10	150	30	450	126,0	4,96	100	1,860	1,26
76,0	3"	88,00	3,46	10	150	30	450	152,0	5,98	90	2,420	1,63
102,0	4"	116,00	4,57	10	150	30	450	204,0	8,03	90	3,630	2,44

//418LE



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2004/1935 EC 2006/2023 EC

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3 x ID

Milk tanker 10 bar (150 psi) - Hard wall - Crush resistant FDA - arrêté du 09/11/94 D

Tube: white NR.
Reinforcement: high tensile textile cords with embedded PET helix.
Cover: blue NR/EPDM - abrasion and ozone resistant.
Application: liquid food suction and delivery.
Special lightweight construction for maximum flexibility and crush resistance in milk tanker applications.
Sterilize with 110 °C (230 °F) steam for 10 minutes or with 5% soda solution.
Constant operation: -40 °C +80 °C (-40 °F +176 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
40,0	1 9/16"	53,00	2,09	10	150	30	450	120,0	4,72	70	1,060	0,72
51,0	2"	64,00	2,52	10	150	30	450	153,0	6,02	70	1,310	0,89
63,0	2 1/2"	76,00	2,99	10	150	30	450	189,0	7,44	70	1,930	1,30
76,0	3"	92,00	3,62	10	150	30	450	228,0	8,98	70	2,630	1,77

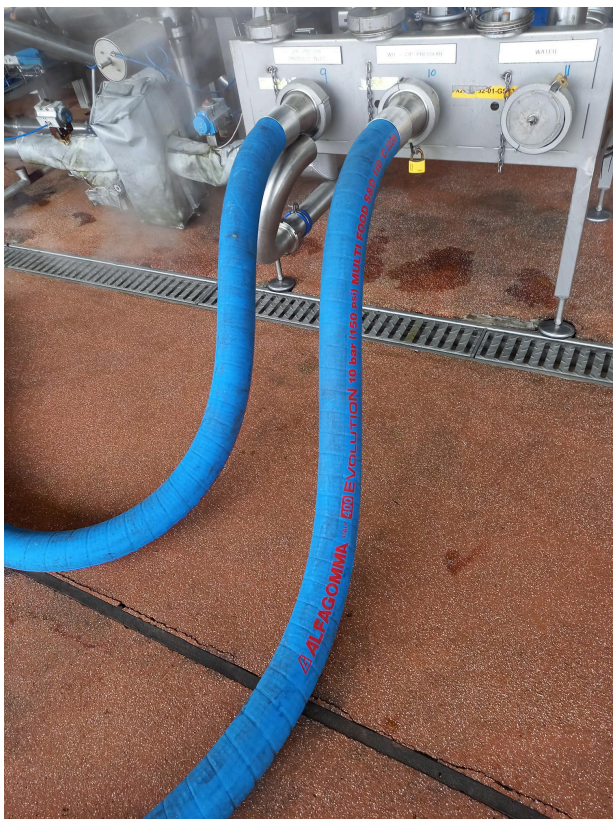


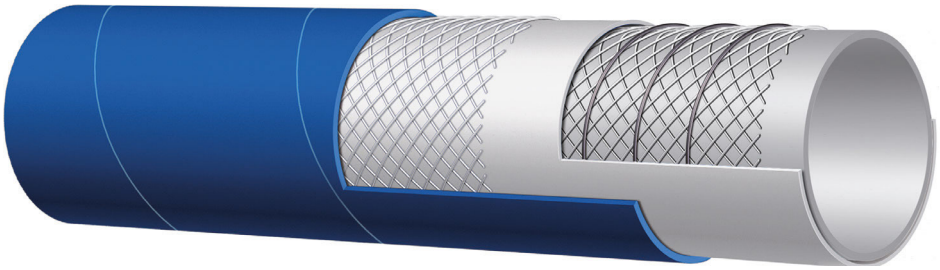







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2004/1935 EC
2006/2023 EC

EXTRUDED TUBE

IANESCO

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// ALFAGOMMA 400LE EVOLUTION

Multi food S&D 10 bar (150 psi)

FDA - 3A SANITARY STANDARD - D.M. 21/03/1973 - ARRETE DU 05/08/2020 Cat. D

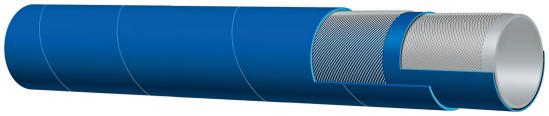
Tube: white NBR.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: blue NBR/PVC - abrasion, ozone and oil resistant.
Application: liquid and fat food-alcoholic beverages suction and delivery - max 75%.
Special construction for maximum flexibility.
Sterilize with 130 °C (266 °F) steam for 30 minutes or with 5% soda solution.
Temperature: liquid food -30 °C +100 °C (-22 °F +212 °F) fat food +120 (248 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Vacuum %	Weight (kg/m)	Weight (lb/ft)
25,0	1"	36,0	1,42	10	150	30	450	50	1,97	100,00	0,780	0,53
32,0	1 1/4"	43,0	1,69	10	150	30	450	64	2,52	100,00	1,000	0,68
38,0	1 1/2"	49,0	1,93	10	150	30	450	76	2,99	100,00	1,170	0,79
51,0	2"	63,0	2,48	10	150	30	450	102	4,02	100,00	1,580	1,07
63,0	2 1/2"	76,0	2,99	10	150	30	450	126	4,96	90,00	2,390	1,61
63,0	2 1/2"	78,0	3,07	10	150	30	450	126	4,96	90,00	2,660	1,79
76,0	3"	89,0	3,50	10	150	30	450	152	5,98	90,00	2,880	1,94
76,0	3"	91,0	3,58	10	150	30	450	152	5,98	90,00	3,130	2,11
102,0	4"	116,0	4,57	10	150	30	450	204	8,03	90,00	3,910	2,63
102,0	4"	119,0	4,69	10	150	30	450	204	8,03	90,00	4,240	2,85

ALFAGOMMA //400 EVOLUTION// 10 bar (150 psi) MULTI FOOD S&D +100 °C (+212 °F) //AGFOOD// FDA 3-A DM 21.03.1973 ARRETE 05.08.2020

IMPROVED FLEXIBILITY AND KINK RESISTANCE

//455LE



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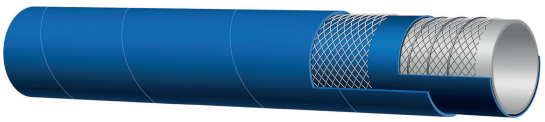
2004/1935 EC 2006/2023 EC

Fat food delivery 10 bar (150 psi) DA - 3-A - D.M. 21/03/73

Tube: white NBR.
Reinforcement: high tensile textile cords.
Cover: blue NBR/PVC - abrasion, ozone and oil resistant.
Application: liquid and fat food-alcoholic beverages delivery - max 75%.
Sterilize with 130 °C (266 °F) steam for 30 minutes or with 5% soda solution.
Constant operation: -30 °C +100 °C (-22 °F +212 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	23,00	0,91	10	150	30	450				0,380	0,26
19,0	3/4"	31,00	1,22	10	150	30	450				0,610	0,41
25,0	1"	37,00	1,46	10	150	30	450				0,760	0,52
32,0	1 1/4"	44,00	1,73	10	150	30	450				0,930	0,63
38,0	1 1/2"	50,00	1,97	10	150	30	450				1,090	0,74
51,0	2"	65,00	2,56	10	150	30	450				1,690	1,14

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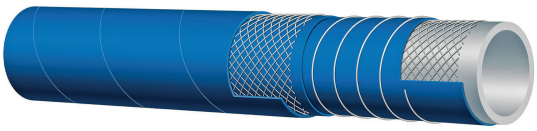
2004/1935 EC 2006/2023 EC

Fat food S&D 10 bar (150 psi) FDA - 3-A - D.M.21/03/73

Tube: white NBR.
Reinforcement: high tensile textile cords,embedded steel helix wire.
Cover: blue NBR/PVC - abrasion, ozone and oil resistant.
Application: liquid and fat food-alcoholic beverages suction and delivery - max 75%.
Sterilize with 130 °C (266 °F) steam for 30 minutes or with 5% soda solution.
Constant operation: -30 °C +100 °C (-22 °F +212 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	31,00	1,22	10	150	30	450	57,0	2,24	100	0,730	0,50
25,0	1"	37,00	1,46	10	150	30	450	75,0	2,95	100	0,910	0,62
32,0	1 1/4"	44,00	1,73	10	150	30	450	96,0	3,78	100	1,080	0,73
38,0	1 1/2"	50,00	1,97	10	150	30	450	114,0	4,49	100	1,260	0,85
51,0	2"	63,00	2,48	10	150	30	450	153,0	6,02	100	1,630	1,10
63,0	2 1/2"	75,00	2,95	10	150	30	450	189,0	7,44	90	2,140	1,44
76,0	3"	88,00	3,46	10	150	30	450	228,0	8,98	90	2,570	1,73
102,0	4"	116,00	4,57	10	150	30	450	306,0	12,05	90	3,560	2,40

//417LE



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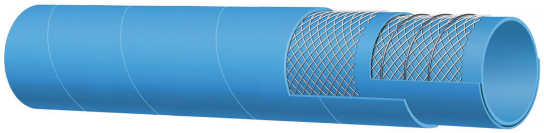
2004/1935 EC 2006/2023 EC

Fat food S&D 16 bar (240 psi) - Crush resistant FDA - 3-A - D.M. 21/03/73

Tube: white NBR.
Reinforcement: high tensile textile cords with embedded PET helix.
Cover: blue NBR/PVC - abrasion, ozone and oil resistant.
Application: liquid and fat food-alcoholic beverages suction and delivery - max 75%.
Special crush resistant construction.
Sterilize with 130 °C (266 °F) steam for 30 minutes or with 5% soda solution.
Constant operation: -30 °C +100 °C (-22 °F +212 °F)

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
38,0	1 1/2"	52,00	2,05	16	240	48	720	152,0	5,98	100	1,440	0,97
51,0	2"	65,00	2,56	16	240	48	720	204,0	8,03	100	1,860	1,26
63,0	2 1/2"	77,00	3,03	16	240	48	720	252,0	9,92	100	2,390	1,61
76,0	3"	92,00	3,62	16	240	48	720	304,0	11,97	100	3,120	2,10

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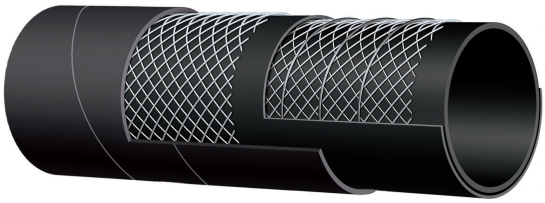
2004/1935 EC 2006/2023 EC

Acid-chemical S&D 16 bar (240 psi) - UPE FDA - EU 10/2011 A+B+C+D2

Tube: transparent UPE (Ultra High Molecular Weight Polyethylene).
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: blue EPDM - abrasion and ozone resistant.
Application: acid and chemical suction and delivery.
Suitable for 98% of existing chemicals.
Constant operation: -30 °C +100 °C (-22 °F +212 °F) depending on conveyed chemical

mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
19,0	3/4"	31,00	1,22	16	240	48	720	114,0	4,49	90	0,590	0,40
25,0	1"	37,00	1,46	16	240	48	720	150,0	5,91	90	0,730	0,50
32,0	1 1/4"	44,00	1,73	16	240	48	720	192,0	7,56	90	0,880	0,60
38,0	1 1/2"	50,00	1,97	16	240	48	720	228,0	8,98	90	1,010	0,68
40,0	1 9/16"	52,00	2,05	16	240	48	720	240,0	9,45	90	1,050	0,71
51,0	2"	63,00	2,48	16	240	48	720	300,0	11,81	90	1,340	0,91
63,0	2 1/2"	77,00	3,03	16	240	48	720	378,0	14,88	90	2,090	1,41
76,0	3"	92,00	3,62	16	240	48	720	450,0	17,72	80	2,840	1,91
102,0	4"	118,00	4,65	16	240	48	720	600,0	23,62	80	3,870	2,61

//720LA



R≤10⁶Ω

Bulk material S&D 10 bar (150 psi)

Tube: black conductive NR - abrasion resistant.
Reinforcement: high tensile textile cords with embedded steel helix wire.
Cover: black conductive SBR/NR - abrasion and ozone resistant.
Application: bulk material suction and delivery in heavy duty applications.
Specially designed for dry cement, grain and animal feed transfer.
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"	65,00	2,56	10	150	30	450	153,0	6,02	100	1,430	0,97
63,0	2 1/2"	77,00	3,03	10	150	30	450	189,0	7,44	90	1,900	1,28
76,0	3"	90,00	3,54	10	150	30	450	228,0	8,98	90	2,280	1,54
76,0	3"	92,00	3,62	10	150	30	450	228,0	8,98	90	2,600	1,75
90,0	3 1/2"	106,00	4,17	10	150	30	450	270,0	10,63	90	3,230	2,18
102,0	4"	116,00	4,57	10	150	30	450	306,0	12,05	90	3,180	2,14
102,0	4"	118,00	4,65	10	150	30	450	306,0	12,05	90	3,600	2,42
127,0	5"	143,00	5,63	5	75	15	225	508,0	20,00	80	4,750	3,20
127,0	5"	145,00	5,71	5	75	15	225	508,0	20,00	80	5,270	3,55
152,0	6"	168,00	6,61	5	75	15	225	608,0	23,94	80	5,950	4,00
203,0	8"	221,00	8,70	5	75	15	225	812,0	31,97	70	8,990	6,05

//760AA



R≤10⁶Ω

Bulk material delivery 5 bar (75 psi)

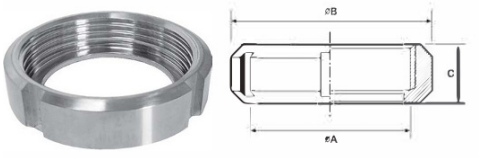
Tube: black conductive NR - abrasion resistant.
Reinforcement: high tensile textile cords.
Cover: black conductive SBR/NR - abrasion and ozone resistant.
Application: bulk material delivery.
Specially designed for dry cement, grain and animal feed transfer.
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

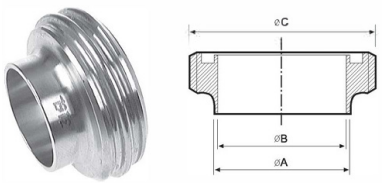
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
75,0	3"	93,00	3,66	5	75	15	225				2,310	1,56
90,0	3 1/2"	102,00	4,02	5	75	15	225				2,060	1,39
90,0	3 1/2"	110,00	4,33	5	75	15	225				3,140	2,12
100,0	4"	120,00	4,72	5	75	15	225				3,450	2,32
102,0	4"	114,00	4,49	5	75	15	225				2,310	1,56
102,0	4"	118,00	4,65	5	75	15	225				2,710	1,83
102,0	4"	120,00	4,72	5	75	15	225				3,130	2,11
110,0	4 5/16"	122,00	4,80	5	75	15	225				2,470	1,66
127,0	5"	145,00	5,71	5	75	15	225				3,800	2,56

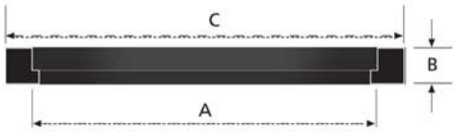
// FOOD COUPLINGS

Here is a selection of the most popular couplings used across the UK and Europe. Below are the nuts, male parts, and seals measurements to help you select the correct couplings.

SMS FITTINGS







Thread: Round Type

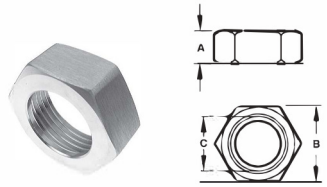


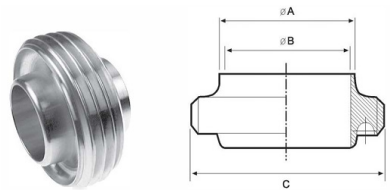
SMS NUT 6 SLOT			
Size	A (mm)	B (mm)	C (mm)
1"	40 x 1/6	51	19
1 1/2"	60 x 1/6	74	23
2"	70 x 1/6	84	24
2 1/2"	85 x 1/6	100	28
3"	98 x 1/6	114	30
4"	125 x 1/4	138	31

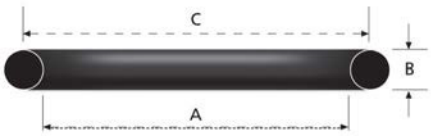
SMS MALE PART			
Size	A (mm)	B (mm)	C (mm)
1"	25.4	22.1	40 x 1/6
1 1/2"	38.1	34.8	60 x 1/6
2"	50.8	47.5	70 x 1/6
2 1/2"	63.5	60.2	85 x 1/6
3"	76.2	72.9	98 x 1/6
4"	97.6	97.6	125 x 1/4

SMS SEAL RING L-TYPE		
Size	ID	OD
1"	22.80	31.80
1 1/2"	35.80	47.80
2"	48.80	60.80
2 1/2"	61.00	73.30
3"	73.40	85.50
4"	98.20	115.70

RJT FITTINGS







Thread: Round Type



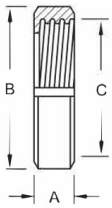
RJT HEX NUT RJT-13H			
Size	A (mm)	B (mm)	C (mm)
1"	22.20	50.8	42.6* 8T
1 1/2"	22.20	65.0	55.3* 6T
2"	22.20	79.3	68.3* 6T
2 1/2"	22.20	92.0	80.9* 6T
3"	22.20	104.7	93.6* 6T
4"	22.20	130.0	119.1* 6T

RJT WELDING MALE RJT-15			
Size	A (mm)	B (mm)	C (mm)
1"	25.65	22.20	45.72
1 1/2"	38.35	34.90	58.42
2"	51.05	47.60	72.72
2 1/2"	63.75	60.30	85.42
3"	76.45	73.00	98.12
4"	101.85	97.60	123.52

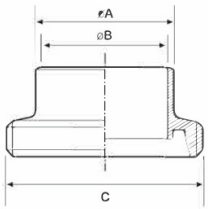
RJT O-RING		
Size	ID	OD
1"	30	33.30
1 1/2"	39.40	46.00
2"	55.50	62.10
2 1/2"	68.10	74.70
3"	80.80	78.40
4"	97.20	103.80

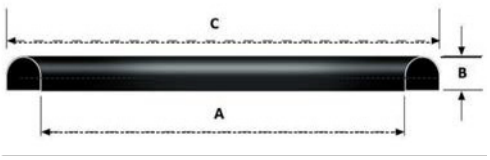
DIN 11851 FITTINGS











Thread: Triangular Type

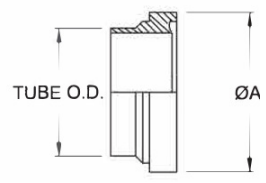


DIN ROUND NUT 11851 4 SLOTS			
Size	A (mm)	B (mm)	C (mm)
DN25	63	52 x 1/6	21
DN40	78	65 x 1/6	21
DN50	92	78 x 1/6	22
DN65	112	95 x 1/6	25
DN80	127	110 x 1/4	30
DN100	148	130 x 1/4	31

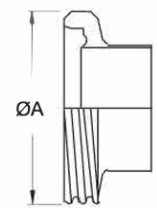
DIN WELD MALE METRIC			
Size	A (mm)	B (mm)	C (mm)
DN25	29	26	52 x 1/6
DN40	41	38	65 x 1/6
DN50	53	50	78 x 1/6
DN65	70	66	95 x 1/6
DN80	85	81	110 x 1/4
DN100	104	100	130 x 1/4

GASKET FOR DIN / VITON		
Size	ID	OD
DN20	23	33
DN25	30	40
DN32	36	46
DN40	42	52
DN50	54	64
DN65	71	81
DN80	85	95
DN100	104	114

DIN 11864-1 FITTINGS

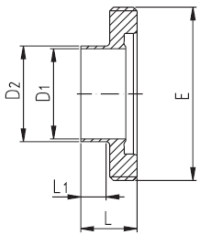


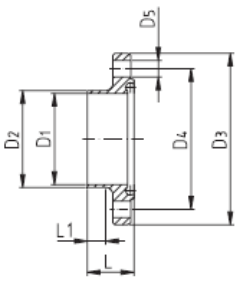
WELD LINER			
Size	A (mm)	B (mm)	C (mm)
DN25	63	52 x 1/6	21
DN40	78	65 x 1/6	21
DN50	92	78 x 1/6	22
DN65	112	95 x 1/6	25
DN80	127	110 x 1/4	30
DN100	148	130 x 1/4	31

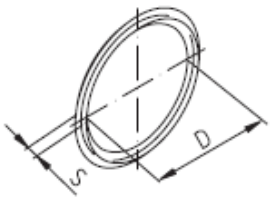


WELD MALES			
Size	A (mm)	B (mm)	C (mm)
DN25	63	52 x 1/6	21
DN40	78	65 x 1/6	21
DN50	92	78 x 1/6	22
DN65	112	95 x 1/6	25
DN80	127	110 x 1/4	30
DN100	148	130 x 1/4	31

DIN 11853 FITTINGS





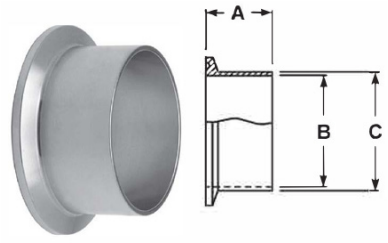


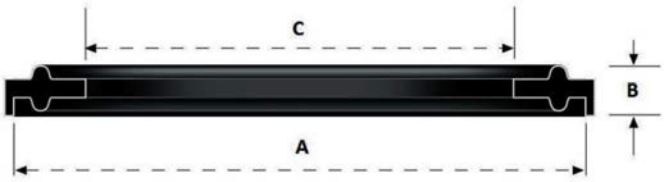
DIN MALE (SHORT)					
Size	D1	D2	E	L	L1
DN10	10	13	Rd 28 x 1/8"	19	5
DN15	16	19	Rd 34 x 1/8"	19	5
DN20	20	23	Rd 44 x 1/6"	21	5
DN25	26	29	Rd 52 x 1/6"	26	10
DN32	32	35	Rd 58 x 1/6"	30	14
DN40	38	41	Rd 65 x 1/6"	31	15
DN50	50	53	Rd 78 x 1/6"	31	15
DN65	66	70	Rd 95 x 1/6"	36	16
DN80	81	85	Rd 110 x 1/6"	42	18
DN100	100	104	Rd 130 x 1/6"	50	26

NUT FLANGE DIN (SHORT)						
Size	D1	D2	D3	D4	L	L1
DN10	10	13	54	37	25.5	10
DN15	16	19	59	42	25.5	10
DN20	20	23	64	47	25.5	10
DN25	26	29	70	53	25.5	10
DN32	32	35	76	59	25.5	10
DN40	38	41	82	65	25.5	10
DN50	50	53	94	77	25.5	10
DN65	66	70	113	95	25.5	10
DN80	81	85	133	112	27.5	10
DN100	100	104	159	137	27.5	10

11853 O-RING		
Size	D	S
DN10	12	3.5
DN15	18	3.5
DN20	22	3.5
DN25	28	3.5
DN30	34	5
DN40	40	5
DN50	52	5
DN65	68	5
DN80	83	5
DN100	102	5

TRI-CLAMP FITTINGS

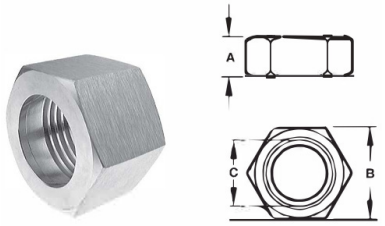




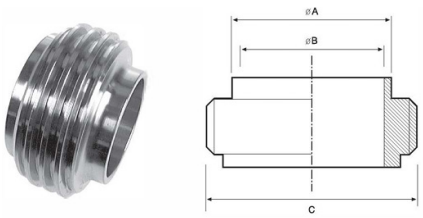
LONG BUTT WELD FERRULES			
Size	A (mm)	B (mm)	C (mm)
1/2"	28.56	9.40	12.70
3/4"	28.56	15.75	19.05
1"	28.56	22.10	25.40
1 1/2"	28.56	34.80	38.00
2"	28.56	47.50	50.80
2 1/2"	28.56	60.20	63.50
3"	28.56	72.90	76.20
4"	28.56	97.60	101.60
6"	38.10	146.86	152.40
8"	38.10	197.66	203.20
10"	44.45	248.46	254.00
12"	44.45	298.70	304.80

CLAMP LINER SEAL
Size
1/2"
3/4"
1"
1 1/2"
2"
2 1/2"
3"
4"
6"
8"
10"
12"

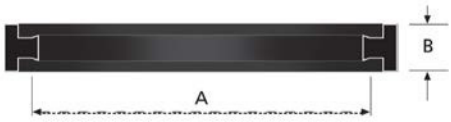
IDF FITTINGS



IDF Nut



IDF Male Part



IDF Seal

Thread: Trapezoidal Type



IDF HEX NUT			
Size	A (mm)	B (mm)	C (mm)
1"	30	46	34.34 x 8T ACME
1 1/2"	30	60	47.86 x 8T ACME
2"	30	75	61.37 x 8T ACME
2 1/2"	30	90	74.88 x 8T ACME
3"	30	105	88.40 x 8T ACME
4"	34.9	133	122.05 x 6T ACME

IDF WELD MALE			
Size	A (mm)	B (mm)	C (mm)
1"	25.4	22.1	37.13 x 8T
1 1/2"	38.1	34.8	50.65 x 8T
2"	50.8	47.5	64.16 x 8T
2 1/2"	63.5	60.2	77.67 x 8T
3"	76.2	72.9	91.19 x 8T
4"	101.6	97.6	125.9 x 8T

SEAL IDF O-RING EPDM		
Size	ID	OD
1"	23.20	32.50
1 1/2"	35.90	46.00
2"	48.60	59.50
2 1/2"	61.30	73.20
3"	74.00	86.50
4"	98.60	119.00

// HOSE & FITTINGS FOR FOOD APPLICATIONS

Light Series Hose Fittings



Light series hygienic hose fittings have been **specifically designed to be light weight** and have been fully tested to one and a half times their working pressure. **They are the preferred fitting of many tanker fleets where operators are constantly handling hoses**. Typical applications are milk collection, loading and unloading bays.

Heavy Series Fittings



Heavy series hygienic fittings are designed to withstand higher pressures and have **excellent resistance to sudden impulses and pressure spikes** and are **fully tested to twice their hose working pressure**. Typical applications are high viscosity foods, mobile vessel connections and pump connections.

Reusable Fittings



Reusable hygienic hose fittings are specifically designed for tanker operators where there is an increased risk of hoses being crushed. **These fittings can be removed and refitted with the use of an allen-key with no loss in pressure rating**. This fitting can be used several times, reducing down time and cost. Our reusable fittings have been fully tested with Alfagomma hoses to twice the hose working pressure.

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