

// 350LL



IANESCO

Steam 6 bar (90 psi) - Hot water 15 bar (225 psi)
FDA - arrêté du 09/11/94 D**Tube:** white EPDM.**Reinforcement:** high tensile textile cords.**Cover:** white 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				0,380	0,26
16,0	5/8"	26,00	1,02	6	90	60	900				0,450	0,31
19,0	3/4"	31,00	1,22	6	90	60	900				0,640	0,44
25,0	1"	37,00	1,46	6	90	60	900				0,790	0,54

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IANESCO

Steam 6 bar (90 psi) - Hot water 15 bar (225 psi)
FDA - arrêté du 09/11/94 D**Tube:** white food grade 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



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

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**Fat food S&D 10 bar (150 psi)
FDA - D.M. 21/03/73****Tube:** white NBR.**Reinforcement:** high tensile textile cords with embedded steel helix wire.**Cover:** white 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	

// 405LH

**Fat food S&D 10 bar (150 psi)
FDA - D.M. 21/03/73****Tube:** white NBR.**Reinforcement:** high tensile textile cords with embedded steel helix wire.**Cover:** red 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
25,0	1"	37,00	1,46	10	150	30	450	75,0	2,95	100	0,920	0,62
38,0	1 1/2"	50,00	1,97	10	150	30	450	114,0	4,49	100	1,280	0,87
51,0	2"	63,00	2,48	10	150	30	450	153,0	6,02	100	1,650	1,11
76,0	3"	88,00	3,46	10	150	30	450	228,0	8,98	90	2,590	1,75
102,0	4"	116,00	4,57	10	150	30	450	306,0	12,05	90	3,600	2,42

SHARRY Machinery (Shanghai) Co.,Ltd.

Web: www.sharry-sh.com

Tel: +86-21-64881886 / 13761943624

Mail: wangfeng858@163.com

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// 455LE


Fat food delivery 10 bar (150 psi)
FDA - 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

// 455LL


Fat food delivery 10 bar (150 psi)
FDA - D.M. 21/03/73
Tube: white NBR.

Reinforcement: high tensile textile cords.

Cover: white 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
38,0	1 1/2"	48,00	1,89	10	150	30	450				0,880	0,60
51,0	2"	63,00	2,48	10	150	30	450				1,410	0,95
76,0	3"	88,00	3,46	10	150	30	450				2,050	1,38



// 529AA

**Acid-chemical S&D 16 bar (240 psi) - UPE
EN 12115 - EU 10/2011 A+B+C+D2**

Tube: black conductive UPE (Ultra High Molecular Weight Polyethylene).

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

Cover: black conductive EPDM - abrasion, ozone and fire 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	64	960	114,0	4,49	90	0,670	0,46
25,0	1"	37,00	1,46	16	240	64	960	150,0	5,91	90	0,830	0,56
32,0	1 1/4"	44,00	1,73	16	240	64	960	192,0	7,56	90	1,000	0,68
38,0	1 1/2"	51,00	2,01	16	240	64	960	228,0	8,98	90	1,300	0,88
50,0	2"	66,00	2,60	16	240	64	960	300,0	11,81	90	1,960	1,32
51,0	2"	67,00	2,64	16	240	64	960	300,0	11,81	90	1,990	1,34
75,0	3"	91,00	3,58	16	240	64	960	450,0	17,72	80	3,070	2,07
76,0	3"	92,00	3,62	16	240	64	960	450,0	17,72	80	3,110	2,10
100,0	4"	116,00	4,57	16	240	64	960	600,0	23,62	80	4,120	2,77
102,0	4"	118,00	4,65	16	240	64	960	600,0	23,62	80	4,190	2,82

// 5090E

**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

SHARRY Machinery (Shanghai) Co.,Ltd.

Web: www.sharry-sh.com

Tel: +86-21-64881886 / 13761943624

Mail: wangfeng858@163.com

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F-95C OM

CONVOLUTED PTFE - STAINLESS STEEL BRAIDED
FDA US PHARMACOPEIA CLASS VI



TUBE : CONVOLUTED PTFE - HIGH MECHANICAL AND VIBRATION RESISTANCE, LOW PERMEABILITY, DIELECTRICAL , FIRE RESISTANT, FOOD GRADE (FDA, DVGW, BGA APPROVED). CHEMICALLY INERT, NON STICKING, OZONE AND WEATHER RESISTANT.

REINFORCEMENT : HIGH TENSILE STAINLESS STEEL BRAID AISI 304

APPLICATION : COMPRESSED AIR, GAS, STEAM, FUEL, OIL, CHEMICAL, FOOD AND PHARMACEUTICAL PRODUCTS. PARTICULARLY SUITABLE FOR STEAM PIPING ON INJECTION MOULDING MACHINES, DIATHERMIC OIL INSTALLATIONS, CHARGING LINES FOR CRYOGENIC GASES, COMPRESSOR DISCHARGE LINES, AUTOMOTIVE, PHARMACEUTICAL AND FOOD SECTORS. SOLVENTS, PIGMENTS AND PAINT TRANSFER LINES. HYDRAULIC LINES IN POWER STEERING MARINE APPLICATIONS. NOT SUITABLE FOR MOLTEN ALKALI METALS AND HALOGENS AT ELEVATED TEMPERATURE.

TEMPERATURE : -60°C +260°C (-76°F +500°F)

BRAND TYPE : UNBRANDED

SAFETY FACTOR : 4:1

Code	ID mm	ID inch	OD mm	Wall mm	Weight g/m	WP bar	WP psi	BR mm	BR inch
<u>95COM01000000</u>	10	3/8	16	3	220	100	1500	25	0,98
<u>95COM013000000</u>	13	1/2	19	3	280	75	1125	32	1,26
<u>95COM016000000</u>	16	5/8	22	3,15	330	60	900	51	2,01
<u>95COM019000000</u>	19	3/4	27	3,75	400	50	750	63	2,48
<u>95COM025000000</u>	25	1	33	3,3	550	35	525	102	4,02
<u>95COM032000000</u>	32	1 1/4	39	3,5	750	25	375	127	5,00
<u>95COM038000000</u>	38	1 1/2	46	3,5	860	20	300	152	5,98
<u>95COM051000000</u>	51	2	60	4,6	1180	20	300	203	7,99
<u>95COM076000000</u>	76	3	95	9,5	1700	20	300	310	12,2
<u>95COM102000000</u>	102	4	126	12	4000	15	225	380	14,96

