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**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.

Suitable to be used in potentially explosive environments.

**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


## // HOSE IDENTIFICATION TABLE

TECHNICAL FEATURES AND NORMS										
HOSE	TUBE	MAX TEMP. (°C)	WP (bar)	STERILIZATION						FRANCE 1994/11/09 CAT. D

## PVC HOSE

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

## RUBBER HOSE

	<b>350LE</b>	EPDM	+165	15 Water 6 Steam		●	●	Class III	●	IANESCO
	<b>452LH</b>	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●	IANESCO
	<b>402LH</b>	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●	IANESCO
	<b>410LL</b>	CHR	+108	16	Steam 130°C / 30' 5% Soda	●	●	Class IV	●	IANESCO
	<b>412LE</b>	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●	IANESCO
	<b>418LE</b>	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●	IANESCO
	<b>455LE</b>	NBR	+100	10	Steam 130°C / 30' 5% Soda	●	●	Class II	●	
	<b>405LE</b>	NBR	+100	10	Steam 130°C / 30' 5% Soda	●	●	Class II	●	
	<b>417LE</b>	NBR	+100	16	Steam 130°C / 30' 5% Soda	●	●	Class II	●	
	<b>5090E</b>	UPE	+100	16	Steam 110°C / 10' 5% Soda	●	●		●	A+B+C+D2
	<b>720LA</b>	NR	+80	10	5% Soda	●	●			
	<b>760LA</b>	NR	+80	5	5% Soda	●	●			



Dimensions shown may be changed without prior notice

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

								●			
	●							●			
	●							●			
	●							●			
	●							●			
								●			●

		●						●			●
		●						●			
		●						●			
				●			●	●			
					●	●		●			
CERISIE			●				Max Temp. +80 °C	●	●		
CERISIE			●				Max Temp. +80 °C	●	●		
CERISIE			●				Max Temp. +80 °C	●	●		
				●			●	●	●	●	
										●	
										●	