



## // WATER & LIQUIDS



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// 49000



**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



**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

Dimensions shown may be changed without prior notice

// 284AA



**Water delivery 10 bar (150 psi)**

**Tube:** black synthetic elastomer - oil mist resistant.

**Reinforcement:** high tensile textile cords.

**Cover:** black synthetic elastomer with longitudinal green stripes  
- abrasion and ozone resistant.

**Application:** air and water delivery.

**Constant operation:** -10 °C +60 °C (+14 °F +140 °F)

↔		↔		↻		↻		⤴		⚠	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	19,00	0,75	10	150	30	450	104,0	4,09		0,205	0,14
16,0	5/8"	22,00	0,87	10	150	30	450	128,0	5,04		0,245	0,17
19,0	3/4"	26,00	1,02	10	150	30	450	152,0	5,98		0,345	0,24
25,0	1"	33,00	1,30	10	150	30	450	200,0	7,87		0,510	0,35
32,0	1 1/4"	44,00	1,73	7	100	21	300	256,0	10,08		0,950	0,64

// 284AH



**Water delivery 10 bar (150 psi)**

**Tube:** black synthetic elastomer - oil mist resistant.

**Reinforcement:** high tensile textile cords.

**Cover:** red synthetic elastomer - abrasion and ozone resistant.

**Application:** air and water delivery.

**Constant operation:** -10 °C +60 °C (+14 °F +140 °F)

↔		↔		↻		↻		⤴		⚠	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
13,0	1/2"	19,00	0,75	10	150	30	450	104,0	4,09		0,205	0,14
19,0	3/4"	26,00	1,02	10	150	30	450	152,0	5,98		0,345	0,24
25,0	1"	33,00	1,30	10	150	30	450	200,0	7,87		0,510	0,35

// 286EE



**Water discharge - PVC - Lay flat - Standard duty**

**Tube:** blue PVC.  
**Reinforcement:** high tensile textile cords.  
**Cover:** blue PVC - abrasion and ozone resistant.  
**Application:** lay flat water discharge.  
**Constant operation:** -10 °C +60 °C (+14 °F +140 °F)

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
38,0	1 1/2"			5	75	15	225				0,210	0,15
51,0	2"			5	75	15	225				0,270	0,19
63,0	2 1/2"			4	60	12	180				0,380	0,26
76,0	3"			4	60	12	180				0,530	0,36
102,0	4"			4	60	12	180				0,710	0,48
152,0	6"			3	45	9	135				1,180	0,80
203,0	8"			3	45	9	135				1,800	1,21

// 288HH



**Water discharge - PVC - Lay flat - Heavy duty**

**Tube:** Red PVC.  
**Reinforcement:** high tensile textile cords.  
**Cover:** red PVC - abrasion and ozone resistant.  
**Application:** lay flat water discharge.  
**Constant operation:** -10 °C +60 °C (+14 °F +140 °F)

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"			10	150	30	450				0,250	0,17
32,0	1 1/4"			10	150	30	450				0,300	0,21
38,0	1 1/2"			10	150	30	450				0,330	0,23
45,0	1 3/4"			10	150	30	450				0,430	0,29
51,0	2"			8	120	24	350				0,480	0,33
63,0	2 1/2"			8	120	24	350				0,590	0,40
76,0	3"			7	100	21	300				0,770	0,52
102,0	4"			6	90	18	270				0,980	0,66
152,0	6"			5	75	15	225				1,600	1,08

Dimensions shown may be changed without prior notice

## // 250AA

**Water discharge 5 bar (75 psi) - Lay flat****Tube:** black EPDM.**Reinforcement:** high tensile textile cords.**Cover:** black EPDM - abrasion and ozone resistant.**Application:** lay flat water discharge.**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"	110,00	4,33	5	75	15	225				1,670	1,13
152,0	6"	160,00	6,30	5	75	10	150				2,430	1,64
203,0	8"	213,00	8,39	5	75	10	150				3,260	2,20
254,0	10"	264,00	10,39	5	75	10	150				4,010	2,70

## // 253AA

**Water discharge 10 bar (150 psi) - Lay flat****Tube:** black EPDM.**Reinforcement:** high tensile textile cords.**Cover:** black EPDM - abrasion and ozone resistant.**Application:** lay flat water discharge.**Constant operation:** -30 °C +80 °C (-22 °F +176 °F)

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
32,0	1 1/4"	40,00	1,57	10	150	30	450				0,460	0,31
38,0	1 1/2"	46,00	1,81	10	150	30	450				0,540	0,37
40,0	1 9/16"	48,00	1,89	10	150	30	450				0,570	0,39
45,0	1 3/4"	53,00	2,09	10	150	30	450				0,660	0,45
51,0	2"	59,00	2,32	10	150	30	450				0,730	0,50
60,0	2 3/8"	68,00	2,68	10	150	30	450				0,860	0,58
63,0	2 1/2"	71,00	2,80	10	150	30	450				0,900	0,61
70,0	2 3/4"	80,00	3,15	10	150	30	450				1,380	0,93
76,0	3"	86,00	3,39	10	150	30	450				1,480	1,00
90,0	3 1/2"	100,00	3,94	10	150	30	450				1,720	1,16
102,0	4"	112,00	4,41	10	150	30	450				2,040	1,38
127,0	5"	139,00	5,47	10	150	30	450				2,730	1,84
152,0	6"	164,00	6,46	10	150	30	450				3,360	2,26
168,0	6 5/8"	180,00	7,09	10	150	30	450				3,560	2,40
203,0	8"	217,00	8,54	10	150	20	300				4,810	3,24
254,0	10"	270,00	10,63	10	150	20	300				7,680	5,17
254,0	10"	270,00	10,63	10	150	20	300				7,680	5,17
254,0	10"	270,00	10,63	10	150	20	300				7,680	5,17
305,0	12"	319,00	12,56	10	150	20	300				8,870	5,97

// 254AA



**Air-water delivery 10 bar (150 psi)**

**Tube:** black SBR.  
**Reinforcement:** high tensile textile cords.  
**Cover:** black SBR - abrasion and ozone resistant.  
**Application:** air and water delivery.  
**Constant operation:** -30 °C +80 °C (-22 °F +176 °F)

↔		↔		↻		↻		⤴		⤵		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
19,0	3/4"	27,00	1,06	10	150	30	450				0,400	0,27	
25,0	1"	33,00	1,30	10	150	30	450				0,540	0,37	
32,0	1 1/4"	42,00	1,65	10	150	30	450				0,830	0,56	
38,0	1 1/2"	48,00	1,89	10	150	30	450				0,980	0,66	
51,0	2"	61,00	2,40	10	150	30	450				1,290	0,87	
63,0	2 1/2"	75,00	2,95	10	150	30	450				1,920	1,30	
76,0	3"	88,00	3,46	10	150	30	450				2,310	1,56	
102,0	4"	114,00	4,49	10	150	30	450				3,120	2,10	
152,0	6"	166,00	6,54	10	150	30	450				4,690	3,16	
203,0	8"	219,00	8,62	10	150	20	300				6,950	4,68	

// 254AH



**Air-water delivery 10 bar (150 psi)**

**Tube:** black SBR.  
**Reinforcement:** high tensile textile cords.  
**Cover:** red SBR - abrasion and ozone resistant.  
**Application:** air and water delivery.  
**Constant operation:** -30 °C +80 °C (-22 °F +176 °F)

↔		↔		↻		↻		⤴		⤵		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
32,0	1 1/4"	42,00	1,65	10	150	30	450				0,830	0,56	
38,0	1 1/2"	48,00	1,89	10	150	30	450				0,970	0,66	
51,0	2"	61,00	2,40	10	150	30	450				1,290	0,87	

// 256AA



**Water-irrigation 18 bar (270 psi) - Heavy duty**

**Tube:** black EPDM.  
**Reinforcement:** high tensile textile cords.  
**Cover:** black EPDM - abrasion and ozone resistant.  
**Application:** heavy duty water discharge. Specially designed for high pressure irrigation systems.  
**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"	61,00	2,40	18	270	45	650				1,070	0,72	
60,0	2 3/8"	72,00	2,83	18	270	45	650				1,390	0,94	
70,0	2 3/4"	82,00	3,23	18	270	45	650				1,610	1,09	
76,0	3"	88,00	3,46	18	270	45	650				1,720	1,16	
80,0	3 1/8"	92,00	3,62	18	270	45	650				1,880	1,27	
90,0	3 1/2"	102,00	4,02	18	270	45	650				2,080	1,40	
102,0	4"	114,00	4,49	18	270	45	650				2,360	1,59	
120,0	4 3/4"	132,00	5,20	18	270	45	650				2,870	1,93	
152,0	6"	168,00	6,61	18	270	36	540				4,920	3,31	

Dimensions shown may be changed without prior notice

// 264GL



**Water S&D - PVC - Light duty**

**Construction:** green transparent PVC - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** water suction and delivery.

**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"			7	100	21	300	110,0	4,33	60	0,200	0,14
25,0	1"			7	100	21	300	138,0	5,43	60	0,250	0,17
32,0	1 1/4"			6	90	18	270	176,0	6,93	60	0,340	0,23
38,0	1 1/2"			5	75	15	225	209,0	8,23	60	0,440	0,30
51,0	2"			5	75	15	225	281,0	11,06	60	0,650	0,44

// 266GL



**Water S&D - PVC - Standard duty**

**Construction:** green transparent PVC - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** water suction and delivery.

**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	113,0	4,45	70	0,290	0,20
32,0	1 1/4"			6	90	18	270	144,0	5,67	70	0,390	0,27
38,0	1 1/2"			5	75	15	225	171,0	6,73	70	0,510	0,35
45,0	1 3/4"			5	75	15	225	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
63,0	2 1/2"			5	75	15	225	284,0	11,18	70	0,970	0,66
76,0	3"			5	75	15	225	342,0	13,46	70	1,330	0,90
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
127,0	5"			3	45	9	135	597,0	23,50	50	2,900	1,95
152,0	6"			3	45	9	135	714,0	28,11	50	4,000	2,69
203,0	8"			2	30	6	90	954,0	37,56	40	6,200	4,17



// 266KL



**Water S&D - PVC - Standard duty**

**Construction:** Yellow transparent PVC - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** water suction and delivery.

**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"			7	100	21	300	90,0	3,54	70	0,230	0,16
25,0	1"			7	100	21	300	113,0	4,45	70	0,290	0,20
30,0	1 3/16"			6	90	18	270	135,0	5,31	70	0,360	0,25
32,0	1 1/4"			6	90	18	270	144,0	5,67	70	0,390	0,27
35,0	1 3/8"			6	90	18	270	158,0	6,22	70	0,440	0,30
38,0	1 1/2"			5	75	15	225	171,0	6,73	70	0,510	0,35
40,0	1 9/16"			5	75	15	225	180,0	7,09	70	0,540	0,37
45,0	1 3/4"			5	75	15	225	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
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
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
102,0	4"			4	60	12	180	459,0	18,07	70	2,190	1,48

// 2660L



**Water S&D - PVC - Standard duty - Super elastic**

**Construction:** transparent PVC - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** water suction and delivery. Good flexibility at low temperature.

**Constant operation:** -20 °C +60 °C (-4 °F +140 °F)

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
38,0	1 1/2"			5	75	15	225	152,0	5,98	60	0,510	0,35
45,0	1 3/4"			5	75	15	225	180,0	7,09	60	0,670	0,46
51,0	2"			5	75	15	225	204,0	8,03	60	0,760	0,52

Dimensions shown may be changed without prior notice

// 265TH



**Water-slurry S&D - PVC - Standard duty - Super elastic**

**Construction:** Light blue PVC with helical red stripe - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** water suction and delivery. Special light weight construction for slurry tankers. Good flexibility at low temperature.

**Constant operation:** -20 °C +60 °C (-4 °F +140 °F)

↻		↻		↻		↻		↻		↻		↻	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
51,0	2"			5	75	15	225	204,0	8,03	90	0,860	0,58	
63,0	2 1/2"			4	60	12	180	252,0	9,92	90	1,265	0,86	
76,0	3"			4	60	12	180	304,0	11,97	90	1,515	1,02	
102,0	4"			3	45	9	135	408,0	16,06	90	2,220	1,50	
127,0	5"			3	45	9	135	508,0	20,00	90	3,230	2,18	
152,0	6"			2	30	6	90	608,0	23,94	90	4,140	2,79	

// 267BE



**Water-slurry S&D - PVC - Medium duty - Super elastic**

**Construction:** grey PVC with helical blue stripe - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** water suction and delivery. Special construction for slurry tankers. Good flexibility at low temperature.

**Constant operation:** -20 °C +60 °C (-4 °F +140 °F)

↻		↻		↻		↻		↻		↻		↻	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
25,0	1"			7	100	21	300	100,0	3,94	90	0,415	0,28	
32,0	1 1/4"			7	100	21	300	128,0	5,04	90	0,605	0,41	
38,0	1 1/2"			7	100	21	300	152,0	5,98	90	0,705	0,48	
51,0	2"			5	75	15	225	204,0	8,03	90	1,000	0,68	
60,0	2 3/8"			5	75	15	225	240,0	9,45	90	1,280	0,87	
63,0	2 1/2"			5	75	15	225	252,0	9,92	90	1,340	0,91	
76,0	3"			5	75	15	225	304,0	11,97	90	1,750	1,18	
80,0	3 1/8"			5	75	15	225	320,0	12,60	90	1,840	1,24	
90,0	3 1/2"			4	60	12	180	360,0	14,17	90	2,260	1,52	
102,0	4"			4	60	12	180	408,0	16,06	90	2,700	1,82	
110,0	4 5/16"			4	60	12	180	440,0	17,32	90	3,100	2,09	
120,0	4 3/4"			4	60	12	180	480,0	18,90	90	3,600	2,42	
127,0	5"			4	60	12	180	508,0	20,00	90	3,800	2,56	
152,0	6"			3	45	9	135	608,0	23,94	90	4,850	3,26	
203,0	8"			3	45	9	135	812,0	31,97	90	9,100	6,12	

// 269BA



**Water-slurry S&D - PVC/NBR - Medium duty - Superior flexibility**



**Construction:** grey PVC/NBR - abrasion and ozone resistant.

**Reinforcement:** black shock resistant rigid PVC.

**Application:** water suction and delivery. Special construction for slurry tankers and general applications. Superior flexibility at low temperature.

**Constant operation:** -30 °C +60 °C (-22 °F +140 °F)

↔		↔		↻		↻		⤴		⚠	⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"			5	75	15	225	178,0	7,01	90	1,010	0,68
63,0	2 1/2"			5	75	15	225	220,0	8,66	90	1,365	0,92
76,0	3"			5	75	15	225	266,0	10,47	90	1,765	1,19
90,0	3 1/2"			4	60	12	180	315,0	12,40	90	2,265	1,53
102,0	4"			4	60	12	180	357,0	14,06	90	2,720	1,83
127,0	5"			3	45	9	135	444,0	17,48	90	3,830	2,58
152,0	6"			3	45	9	135	532,0	20,94	90	4,935	3,32

// 268BL



**Water-abrasive slurry S&D - PVC - Heavy duty**



**Construction:** grey PVC - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** heavy duty water suction and delivery. Also suitable for abrasive slurries transfer.

**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	150,0	5,91	90	0,520	0,35
32,0	1 1/4"			6	90	18	270	192,0	7,56	90	0,650	0,44
38,0	1 1/2"			6	90	18	270	228,0	8,98	90	0,760	0,52
51,0	2"			5	75	15	225	306,0	12,05	90	1,100	0,74
63,0	2 1/2"			4	60	12	180	378,0	14,88	90	1,550	1,05
76,0	3"			4	60	12	180	456,0	17,95	90	1,900	1,28
80,0	3 1/8"			4	60	12	180	480,0	18,90	90	2,100	1,42
90,0	3 1/2"			4	60	12	180	540,0	21,26	90	2,500	1,69
102,0	4"			3	45	9	135	612,0	24,09	90	3,200	2,16
127,0	5"			3	45	9	135	762,0	30,00	90	4,200	2,83
152,0	6"			2	30	6	90	912,0	35,91	90	6,000	4,04
203,0	8"			2	30	6	90	1218,0	47,95	60	10,000	6,73

Dimensions shown may be changed without prior notice

## // 47200


**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	

// 204AA



**Water S&D 5 bar (75 psi)**

**Tube:** black SBR.  
**Reinforcement:** high tensile textile cords with embedded steel helix wire.  
**Cover:** black SBR - abrasion and ozone resistant.  
**Application:** water suction and delivery.  
**Constant operation:** -30 °C +80 °C (-22 °F +176 °F)

↻		↻		⬇		⬇		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
152,0	6"	166,00	6,54	5	75	15	225	760,0	29,92	80	6,180	4,16
203,0	8"	221,00	8,70	5	75	15	225	1015,0	39,96	70	10,580	7,12

// 202AA



**General purpose S&D 10 bar (150 psi) - EPDM**

**Tube:** black conductive EPDM.  
**Reinforcement:** high tensile textile cords with embedded steel helix wire.  
**Cover:** black conductive EPDM - abrasion and ozone resistant.  
**Application:** water suction and delivery. Also suitable for mild chemicals and fertilizers in general industrial and agricultural applications.  
**Constant operation:** -40 °C +100 °C (-40 °F +212 °F) depending on conveyed chemical

↻		↻		⬇		⬇		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
25,0	1"	36,00	1,42	10	150	30	450	100,0	3,94	100	0,730	0,50
30,0	1 3/16"	41,00	1,61	10	150	30	450	120,0	4,72	100	0,820	0,56
32,0	1 1/4"	43,00	1,69	10	150	30	450	128,0	5,04	100	0,860	0,58
38,0	1 1/2"	49,00	1,93	10	150	30	450	152,0	5,98	100	1,000	0,68
40,0	1 9/16"	51,00	2,01	10	150	30	450	160,0	6,30	100	1,050	0,71
45,0	1 3/4"	56,00	2,20	10	150	30	450	180,0	7,09	100	1,170	0,79
51,0	2"	62,00	2,44	10	150	30	450	204,0	8,03	100	1,300	0,88
60,0	2 3/8"	73,00	2,87	10	150	30	450	240,0	9,45	100	2,000	1,35
63,0	2 1/2"	76,00	2,99	10	150	30	450	252,0	9,92	90	2,090	1,41
70,0	2 3/4"	83,00	3,27	10	150	30	450	280,0	11,02	90	2,330	1,57
76,0	3"	89,00	3,50	10	150	30	450	304,0	11,97	90	2,500	1,69
80,0	3 1/8"	93,00	3,66	10	150	30	450	320,0	12,60	90	2,680	1,81
90,0	3 1/2"	104,00	4,09	10	150	30	450	360,0	14,17	90	3,120	2,10
102,0	4"	116,00	4,57	10	150	30	450	408,0	16,06	90	3,480	2,34
110,0	4 5/16"	124,00	4,88	10	150	30	450	440,0	17,32	80	3,710	2,50
115,0	4 1/2"	129,00	5,08	10	150	30	450	460,0	18,11	80	3,860	2,60
120,0	4 3/4"	136,00	5,35	10	150	30	450	600,0	23,62	80	5,070	3,41
127,0	5"	143,00	5,63	10	150	30	450	635,0	25,00	80	5,330	3,59
152,0	6"	168,00	6,61	10	150	25	375	760,0	29,92	80	6,660	4,48
203,0	8"	221,00	8,70	10	150	25	375	812,0	31,97	70	9,880	6,64
254,0	10"	272,00	10,71	10	150	25	375	1270,0	50,00	60	13,520	9,09

Dimensions shown may be changed without prior notice

// 223AA



**Water S&D 20 bar (300 psi) - Heavy duty**

**Tube:** black conductive EPDM.

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

**Cover:** black conductive EPDM - abrasion and ozone resistant.

**Application:** water suction and delivery. Designed for long service life in heavy duty applications.

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

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
51,0	2"	63,00	2,48	20	300	60	900	204,0	8,03	100	1,450	0,98
63,0	2 1/2"	77,00	3,03	20	300	60	900	252,0	9,92	90	2,070	1,40
76,0	3"	90,00	3,54	20	300	60	900	304,0	11,97	90	2,540	1,71
102,0	4"	116,00	4,57	20	300	60	900	408,0	16,06	90	3,490	2,35
152,0	6"	168,00	6,61	20	300	60	900	608,0	23,94	80	6,800	4,57
203,0	8"	225,00	8,86	20	300	60	900	812,0	31,97	70	10,920	7,34

// 221AA



**Water-slurry S&D - Corrugated - Soft ends**

**Tube:** black SBR.

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

**Cover:** black SBR - abrasion and ozone resistant.

**Application:** water suction and delivery. Special light weight and flexible construction for slurry tankers.

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

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
76,0	3"			5	75	15	225	152,0	5,98	90	2,230	1,50
102,0	4"			5	75	15	225	204,0	8,03	90	2,940	1,98
120,0	4 3/4"			5	75	15	225	240,0	9,45	90	3,710	2,50
152,0	6"			3	45	9	135	304,0	11,97	80	4,650	3,13
203,0	8"			3	45	9	135	406,0	15,98	70	6,370	4,29

// 222AA



**Heavy duty dewatering - EPDM - Corrugated - Soft ends**

**Tube:** black EPDM.

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

**Cover:** black EPDM - abrasion and ozone resistant.

**Application:** heavy duty suction. Specially designed for full vacuum dewatering applications. Also suitable for mild chemicals..

**Constant operation:** -50 °C +80 °C (-58 °F +176 °F)

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
152,0	6"			10	150	30	450	608,0	23,94	100	6,680	4,49
203,0	8"			10	150	30	450	812,0	31,97	100	8,900	5,99
254,0	10"			10	150	30	450	1016,0	40,00	100	12,600	8,47
300,0	12"			10	150	30	450	1200,0	47,24	100	19,010	12,78

// 268LL



**Pools-spa water circulation**

**Construction:** white PVC - abrasion and ozone resistant.

**Reinforcement:** white shock resistant rigid PVC.

**Application:** water circulation systems for pools and SPA. Hose outside diameters made to fit rigid PVC pipe fittings.

**Constant operation:** -5 °C +60 °C (+23 °F +140 °F)

↔		↔		↻		↻		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
28,0	1 1/8"	32,00	1,26	6	90	18	270	168,0	6,61	90	0,250	0,17
32,0	1 1/4"	40,00	1,57	6	90	18	270	192,0	7,56	90	0,540	0,37
42,0	1 5/8"	50,00	1,97	6	90	18	270	252,0	9,92	90	0,780	0,53
55,0	2 1/6"	63,00	2,48	5	75	15	225	330,0	12,99	90	0,840	0,57

Dimensions shown may be changed without prior notice

## // 248AE


**High pressure water delivery 100 bar (1500 psi)  
- Snow maker - Steel braided**
**Tube:** black SBR.

**Reinforcement:** high tensile steel wire braid.

**Cover:** blue CSM - abrasion and ozone resistant.

**Application:** high pressure water delivery. Specially designed for artificial snow makers. Designed for use of EN 853 1SN fittings.

**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"	36,00	1,42	100	1500	200	2900				0,980	0,66
38,0	1 1/2"	50,00	1,97	100	1500	200	2900				1,570	1,06