



// DUCTING & VENTILATION



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Dimensions shown may be changed without prior notice

// 161BL

Air ducting
UL 94 V2**Construction:** grey PVC - abrasion and ozone resistant.**Reinforcement:** white shock resistant rigid PVC.**Application:** air, gas, fumes extraction. Air conditioning-ventilation.**Constant operation:** -10 °C +60 °C (+14 °F +140 °F)

↔		↔		↙		↘		⤴		⚖		
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
20,0	13/16"							20,0	0,79	50	0,130	0,09
25,0	1"							25,0	0,98	50	0,170	0,12
32,0	1 1/4"							32,0	1,26	50	0,230	0,16
35,0	1 3/8"							35,0	1,38	50	0,250	0,17
40,0	1 9/16"							40,0	1,57	40	0,300	0,21
45,0	1 3/4"							45,0	1,77	40	0,350	0,24
51,0	2"							51,0	2,01	40	0,440	0,30
63,0	2 1/2"							63,0	2,48	40	0,560	0,38
70,0	2 3/4"							70,0	2,76	40	0,630	0,43
76,0	3"							76,0	2,99	40	0,700	0,48
80,0	3 1/8"							80,0	3,15	40	0,760	0,52
90,0	3 1/2"							90,0	3,54	40	0,850	0,58
102,0	4"							102,0	4,02	40	0,990	0,67
110,0	4 5/16"							110,0	4,33	40	1,100	0,74
120,0	4 3/4"							120,0	4,72	40	1,200	0,81
127,0	5"							127,0	5,00	40	1,270	0,86
140,0	5 1/2"							140,0	5,51	35	1,450	0,98
152,0	6"							152,0	5,98	35	1,700	1,15
160,0	6 5/16"							160,0	6,30	35	1,850	1,25
180,0	7 1/16"							180,0	7,09	30	2,200	1,48
203,0	8"							203,0	7,99	30	2,450	1,65
254,0	10"							254,0	10,00	10	3,200	2,16
305,0	12"							305,0	12,01	10	3,900	2,63

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INDUSTRIAL HOSE

// 163AL



General purpose

Construction: black PVC - abrasion and ozone resistant.**Reinforcement:** white shock resistant rigid PVC.**Application:** general purpose designed for gas vent, air seeder and marine bilge pump applications - ID 51 mm according to AS 1425/2.2.2.**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"							25,0	0,98	50	0,230	0,16
28,0	1 1/8"							28,0	1,10	50	0,250	0,17
32,0	1 1/4"							32,0	1,26	50	0,300	0,21
38,0	1 1/2"							38,0	1,50	50	0,380	0,26
51,0	2"							102,0	4,02	50	0,700	0,48

// 174BB



Air ducting - High temperature +100 °C (+212 °F)

UL 94 V0

Construction: textile fabric coated with flame resistant PVC.

Reinforcement: steel helix wire.

Application: hot air, gas, fumes extraction. Air conditioning-ventilation.

Constant operation: -20 °C +100 °C (-4 °F +212 °F)

↔		↔		↻		↻		⤴		⚡	📦	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
40,0	1 9/16"							20,0	0,79		0,110	0,08
51,0	2"							25,0	0,98		0,135	0,10
63,0	2 1/2"							30,0	1,18		0,170	0,12
70,0	2 3/4"							35,0	1,38		0,185	0,13
76,0	3"							40,0	1,57		0,200	0,14
80,0	3 1/8"							40,0	1,57		0,210	0,15
90,0	3 1/2"							45,0	1,77		0,240	0,17
102,0	4"							50,0	1,97		0,280	0,19
120,0	4 3/4"							60,0	2,36		0,325	0,22
127,0	5"							63,0	2,48		0,345	0,24
140,0	5 1/2"							70,0	2,76		0,380	0,26
152,0	6"							75,0	2,95		0,410	0,28
160,0	6 5/16"							80,0	3,15		0,425	0,29
180,0	7 1/16"							90,0	3,54		0,475	0,32
203,0	8"							100,0	3,94		0,535	0,36
254,0	10"							125,0	4,92		0,845	0,57
305,0	12"							150,0	5,91		1,010	0,68

// 178AA



Air ducting - High temperature +120 °C (+248 °F)

Construction: black EPDM/PP fully recyclable and halogens/ phthalates free.

Reinforcement: steel helix wire.

Application: hot air, gas, fumes extraction-ventilation where high temperature resistance is required.

Constant operation: -40 °C +120 °C (-40 °F +248 °F)

↔		↔		↻		↻		⤴		⚡	📦	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
40,0	1 9/16"							32,0	1,26		0,200	0,14
51,0	2"							40,0	1,57		0,250	0,17
63,0	2 1/2"							55,0	2,17		0,310	0,21
70,0	2 3/4"							60,0	2,36		0,440	0,30
76,0	3"							65,0	2,56		0,460	0,31
80,0	3 1/8"							65,0	2,56		0,500	0,34
90,0	3 1/2"							75,0	2,95		0,580	0,39
102,0	4"							85,0	3,35		0,610	0,41
110,0	4 5/16"							90,0	3,54		0,660	0,45
120,0	4 3/4"							100,0	3,94		0,720	0,49
127,0	5"							105,0	4,13		0,830	0,56
140,0	5 1/2"							115,0	4,53		0,940	0,64
152,0	6"							125,0	4,92		1,010	0,68
160,0	6 5/16"							130,0	5,12		1,090	0,74
180,0	7 1/16"							150,0	5,91		1,330	0,90
203,0	8"							165,0	6,50		1,480	1,00
254,0	10"							210,0	8,27		1,930	1,30
305,0	12"							250,0	9,84		2,380	1,60
355,0	14"							300,0	11,81		2,770	1,87
406,0	16"							350,0	13,78		3,210	2,16

Dimensions shown may be changed without prior notice

// 17100



Air ducting - Polyurethane - Gauge 0,4 mm

Construction: transparent polyurethane - abrasion and ozone resistant.

Reinforcement: copper plated steel helix wire.

Application: air, gas, fumes extraction-ventilation. Also suitable for abrasive material suction - good oil mist resistance.

Constant operation: -40 °C +85 °C (-40 °F +185 °F)

↔		↔		↻		↻		↷		⚠	📦	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
40,0	1 9/16"							44,0	1,73	35	0,170	0,12
51,0	2"							55,0	2,17	25	0,220	0,15
63,0	2 1/2"							67,0	2,64	25	0,270	0,19
70,0	2 3/4"							74,0	2,91	25	0,280	0,19
76,0	3"							80,0	3,15	25	0,350	0,24
80,0	3 1/8"							84,0	3,31	20	0,370	0,25
90,0	3 1/2"							94,0	3,70	20	0,420	0,29
102,0	4"							106,0	4,17	10	0,470	0,32
110,0	4 5/16"							114,0	4,49	10	0,510	0,35
120,0	4 3/4"							124,0	4,88	10	0,550	0,37
127,0	5"							132,0	5,20	10	0,750	0,51
140,0	5 1/2"							145,0	5,71	10	0,830	0,56
152,0	6"							157,0	6,18	10	0,900	0,61
160,0	6 5/16"							165,0	6,50	6	0,940	0,64
180,0	7 1/16"							185,0	7,28	6	1,060	0,72
203,0	8"							209,0	8,23	6	1,190	0,80
254,0	10"							260,0	10,24	2	1,960	1,32
305,0	12"							311,0	12,24	2	2,350	1,58
355,0	14"							362,0	14,25	2	2,700	1,82
406,0	16"							412,0	16,22	2	3,080	2,07

// 17200



Air ducting - Polyurethane - Gauge 0,8 mm

Construction: transparent polyurethane - abrasion and ozone resistant.

Reinforcement: copper plated steel helix wire.

Application: air, gas, fumes extraction-ventilation. Also suitable for abrasive material suction - good oil mist resistance.

Constant operation: -40 °C +85 °C (-40 °F +185 °F)

↔		↔		↻		↻		↷		⚠	📦	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft
40,0	1 9/16"							46,0	1,81	55	0,310	0,21
51,0	2"							57,0	2,24	40	0,390	0,27
63,0	2 1/2"							69,0	2,72	25	0,480	0,33
76,0	3"							82,0	3,23	40	0,560	0,38
80,0	3 1/8"							88,0	3,46	35	0,590	0,40
102,0	4"							109,0	4,29	30	0,900	0,61
120,0	4 3/4"							127,0	5,00	30	1,040	0,70
127,0	5"							134,0	5,28	30	1,100	0,74
140,0	5 1/2"							147,0	5,79	30	1,210	0,82
152,0	6"							159,0	6,26	30	1,310	0,89
160,0	6 5/16"							167,0	6,57	25	1,380	0,93
180,0	7 1/16"							187,0	7,36	25	1,550	1,05
203,0	8"							210,0	8,27	25	2,150	1,45
254,0	10"							261,0	10,28	15	2,650	1,79
305,0	12"							312,0	12,28	15	3,180	2,14
315,0	12 3/8"							322,0	12,68	15	3,290	2,22

// 17300



Air ducting - Polyurethane - Gauge 1,2 mm

Construction: transparent polyurethane - abrasion and ozone resistant.

Reinforcement: copper plated steel helix wire.

Application: air, gas, fumes extraction-ventilation. Also suitable for abrasive material suction - good oil mist resistance.

Constant operation: -40 °C +85 °C (-40 °F +185 °F)

↔		↔		↻		↻		⤴		⤵		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
51,0	2"							71,0	2,80	60	0,610	0,41	
63,0	2 1/2"							85,0	3,35	60	0,750	0,51	
76,0	3"							101,0	3,98	60	0,870	0,59	
80,0	3 1/8"							106,0	4,17	50	0,920	0,62	
102,0	4"							133,0	5,24	40	1,360	0,92	
152,0	6"							193,0	7,60	40	2,010	1,36	
203,0	8"							254,0	10,00	30	2,680	1,81	
254,0	10"							313,0	12,32	25	3,350	2,26	
305,0	12"							374,0	14,72	25	4,010	2,70	
355,0	14"							437,0	17,20	25	4,600	3,10	

// 17700



Air ducting - Polyurethane - Gauge 1,7 mm

Construction: transparent polyurethane - abrasion and ozone resistant.

Reinforcement: copper plated steel helix wire.

Application: air, gas, fumes extraction-ventilation. Also suitable for abrasive material suction - good oil mist resistance.

Constant operation: -40 °C +85 °C (-40 °F +185 °F)

↔		↔		↻		↻		⤴		⤵		⚖	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
40,0	1 9/16"							75,0	2,95	80	0,630	0,43	
51,0	2"							92,0	3,62	70	0,790	0,54	
63,0	2 1/2"							110,0	4,33	70	0,970	0,66	
76,0	3"							129,0	5,08	70	1,140	0,77	
102,0	4"							170,0	6,69	50	1,710	1,15	
127,0	5"							207,0	8,15	50	2,120	1,43	
152,0	6"							245,0	9,65	50	2,540	1,71	