



Flexaflex Hoses International

POLYURETHANE HOSE 1.0 mm WALL THICK

I.D. mm	Tolerance	O.D. mm	Tolerance	Bending Radius mm	Vacuum mbar	Pressure bar
32		39			600	2.6
35		42				
38		45				
40		47				
42		49				
45	+1.5 / -0	52	+2 / -0			
48		55				
50		57				
51		58			500	2.2
55		62				
60		67				
65		72				
70		77				
75		82				
76		83				
80	+2 / -0	87	+3 / -0		400	1.7
83		90				
90		97				
100		108		r=D		
102		110			320	1.2
110		118				
120		128				
125	+3 / -0	133	+4 / -0			
127		135				
130		138				
140		148				
150		158				
152		160			280	0.8
160		168				
175	+4 / -0	183	+6 / -0			
180		188				
200		208				
203		211				
225		233				
250		258			200	0.6
280	+6 / -0	288	+9 / -0			
300		308				
350		358				

Other diameters on request. All datas at ca.+23°C

Standard Length : 32mm to 90mm 20mtr, 100mm to 203mm 15 mtr, 225mm and above 10mtr.



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POLYURETHANE HOSE 1.2 mm WALL THICK						
I.D. mm	Tolerance	O.D. mm	Tolerance	Bending Radius mm	Vacuum mbar	Pressure bar
32		40			700	3.0
35		43				
38		46				
40		48				
42		50				
45	+1.5 /-0	53	+2 /-0			
48		56				
50		58				
51		59			600	2.5
55		63				
60		68				
65		73				
70		78				
75		83				
76		84				
80	+2 /-0	88	+3 /-0		500	2.0
83		91				
90		98				
100		109		r=1.2xD		
102		111			420	1.5
110		119				
120		129				
125	+3 /-0	134	+4 /-0			
127		136				
130		139				
140		149				
150		159				
152		161				
160		169			330	1.0
175	+4 /-0	184	+6 /-0			
180		189				
200		209				
203		212				
225		234				
250		259			250	0.7
280	+6 /-0	289	+9 /-0			
300		309				
350		359				

Other diameters on request. All datas at ca.+23°C

Standard Length : 32mm to 90mm 20mtr, 100mm to 203mm 15 mtr, 225mm and above 10mtr.



Flexaflex Hoses International

POLYURETHANE HOSE 1.5 mm WALL THICK

I.D. mm	Tolerance	O.D. mm	Tolerance	Bending Radius mm	Vacuum mbar	Pressure bar
32		41			750	3.2
35		44				
38		47				
40		49				
42		52				
45	+1.5/ -0	54	+2/ -0			
48		57				
50		59				
51		60			650	2.7
55		64				
60		69				
65		74				
70		79				
75		84				
76		85				
80	+2/ -0	89	+3/ -0		550	2.2
83		92				
90		99				
100		110				
102		112			470	1.7
110		120		r=1.2xD		
120		130				
125	+3/ -0	135	+4/ -0			
127		137				
130		140				
140		150				
150		160				
152		162				
160		170			380	1.2
175	+4/ -0	185	+6/ -0			
180		190				
200		210				
203		213				
225		235				
250		260			300	0.9
280	+6/ -0	290	+9/ -0			
300		310				
350		360				

Other diameters on request. All datas at ca.+23°C

Standard Length : 32mm to 90mm 20mtr, 100mm to 203mm 15 mtr, 225mm and above 10mtr.



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POLYURETHANE HOSE 2.0 mm WALL THICK

I.D. mm	Bending Radius mm	Vacuum mbar	Pressure bar
30	130	950	4.60
40	160	950	4.20
50	200	950	3.80
60	240	950	3.30
75	300	950	2.70
80	320	900	2.40
90	360	900	2.10
100	400	900	1.90
125	500	900	1.45
150	600	850	1.25
200	800	850	0.95

Other diameters on request. All datas at ca.+23°C

Standard Length : 30mm to 90mm = 20mtr, 100mm to 203mm 15 mtr, 225mm and above 10mtr.

POLYURETHANE HOSE 2.5 mm WALL THICK

I.D. mm	Bending Radius mm	Vacuum mbar	Pressure bar
50	125	850	3.25
75	190	800	2.50
100	250	700	1.65
125	312	650	1.40
150	375	550	1.15
200	500	410	0.85
250	625	320	0.60

Other diameters on request. All datas at ca.+23°C

Standard Length : 50mm & 75mm = 20mtr, 100mm to 203mm 15 mtr, 225mm and above 10mtr.