

DIMENSION CHART FOR PVC O PIPES AS PER IS 16647 : 2017

Safety Coefficient = C		1.6				1.6				1.4				1.4			
Pressure Class		PN 16				PN 25				PN 16				PN 25			
Material Class		500				500				500				500			
Nominal Diameter in mm	Mean Outside Diameter in mm		Inside Dia (mm)	Thickness in mm		Inside Dia (mm)	Thickness in mm		Inside Dia (mm)	Thickness in mm		Inside Dia (mm)	Thickness in mm				
	Min	Max		Min	Max		Min	Max		Min	Max		Min	Max	Min	Max	
90	90.0	90.3	84.9	2.4	2.9	82.2	3.7	4.3	85.5	2.1	2.6	83.0	3.3	3.9			
110	110.0	110.4	103.9	2.9	3.4	100.5	4.5	5.2	104.5	2.6	3.1	101.6	4.0	4.6			
140	140.0	140.5	132.5	3.6	4.2	128.1	5.7	6.5	133.3	3.2	3.8	129.3	5.1	5.9			
160	160.0	160.5	151.2	4.2	4.9	146.4	6.5	7.4	152.3	3.7	4.3	147.9	5.8	6.6			
200	200.0	200.6	189.1	5.2	6.0	183.0	8.1	9.2	190.4	4.6	5.3	184.9	7.2	8.2			
225	225.0	225.7	213.0	5.8	6.6	206.0	9.1	10.3	214.2	5.2	6.0	208.1	8.1	9.2			
250	250.0	250.8	236.5	6.5	7.4	228.7	10.2	11.5	238.0	5.8	6.6	231.3	9.0	10.1			
280	280.0	280.9	265.1	7.2	8.2	256.3	11.4	12.8	266.8	6.4	7.3	259.0	10.1	11.4			
315	315.0	316.0	298.2	8.1	9.2	288.4	12.8	14.3	300.1	7.2	8.2	291.3	11.4	12.8			
355	355.0	356.1	336.0	9.2	10.4	325.1	14.4	16.1	338.1	8.2	9.3	328.5	12.8	14.3			
400	400.0	401.2	378.7	10.3	11.6	366.3	16.2	18.1	381.0	9.2	10.4	370.1	14.4	16.1			

TEMPERATURE DERATING FACTORS						
Operating Temperature	°F	80	87	96	107	113
	°C	27	31	36	42	45
Coefficient		1.00	0.90	0.80	0.70	0.64