

TYTON-SIT VIPER Pressure Rating Guide



DN	External Pipe Diameter		EN545:2010		EN545:2010		EN545:2010		EN545:2010		EN545:2010		EN545:2006	
	Nominal	Limit deviations	Class 30 (Minimum Wall Thickness mm)	VIPER Working Pressure Class 30 (PFA)	Class 40 (Minimum Wall Thickness mm)	VIPER Working Pressure Class 40 (PFA)	Class 50 (Minimum Wall Thickness mm)	VIPER Working Pressure Class 50 (PFA)	Class 64 (Minimum Wall Thickness mm)	VIPER Working Pressure Class 64 (PFA)	Class 100 (Minimum Wall Thickness mm)	VIPER Working Pressure Class 100 (PFA)	K9 (Minimum Wall Thickness mm)	VIPER Working Pressure K9 (PFA)
80	98	+ 1/ - 2.7			3.0	16 bar	3.5	16 bar	4.0	16 bar	4.7	30 bar	4.7	30 bar
100	118	+ 1/ - 2.8			3.0	16 bar	3.5	16 bar	4.0	16 bar	4.7	30 bar	4.7	30 bar
125	144	+ 1/ - 2.8			3.0	16 bar	3.5	16 bar	4.0	16 bar	5.0	22 bar	4.7	22 bar
150	170	+ 1/ - 2.9			3.0	16 bar	3.5	16 bar	4.0	16 bar	5.9	22 bar	4.7	22 bar
200	222	+ 1/ - 3.0			3.1	16 bar	3.9	16 bar	5.0	22 bar	7.7	22 bar	4.8	22 bar
250	274	+ 1/ - 3.1			3.9	16 bar	4.8	16 bar	6.1	22 bar	9.5	22 bar	5.2	22 bar
300	326	+ 1/ - 3.3			4.6	16 bar	5.7	20 bar	7.3	20 bar	11.2	20 bar	5.6	20 bar
350	378	+ 1/ - 3.4	4.7	16 bar	5.3	16 bar	6.6	20 bar	8.5	20 bar	13.0	20 bar	6.0	20 bar
400	429	+ 1/ - 3.5	4.8	16 bar	6.0	16 bar	7.5	16 bar	9.6	16 bar	14.8	16 bar	6.4	16 bar
450	480	+ 1/ - 3.6	5.1	16 bar	6.8	16 bar	8.4	16 bar	10.7	16 bar	16.6	16 bar	6.8	16 bar
500	532	+ 1/ - 3.8	5.6	16 bar	7.5	16 bar	9.3	16 bar	11.9	16 bar	18.3	16 bar	7.2	16 bar
600	635	+ 1/ - 4.0	6.7	16 bar	8.9	16 bar	11.1	16 bar	14.2	16 bar	21.9	16 bar	8.0	12 bar

n.b. Same working pressure will apply to K9 & K10 @ EN545:2006