

Annexure 1 (Life Expectancy Chart)

Any life assurance of Anjney brand product range claimed by **Anjney Tubes India** in any advertisement, marketing literature and website or in any communication will be applicable based upon the below Life Expectancy chart. Life Assurance given in this Assurance Certificate will not be applicable the below chart and its result is not being considered and followed related to Temperature and Pressure applied.

Allowable Operating Pressures for PPRCT / PPCH FR Pneumatic Pipes Conveying Water, Safety Factor *(SF) = 1,25											
Temp. °C	Year of Service	Pipe Series S									
		20.0	16.0	12.5	8.3	8	5	4	3.2	2.5	2
		Standard Dimension Ratio SDR									
		41.0	33.0	26.0	17.6	17	11	9	7.4	6	5
		Allowable Operating Pressure bar									
10	1	5.7	7.2	9.1	13.7	14.4	22.8	28.8	36.2	45.6	57.4
	5	5.5	7.0	8.8	13.3	14.0	22.1	27.9	35.1	44.2	55.7
	10	5.5	6.9	8.7	13.1	13.8	21.9	27.5	34.7	43.7	55.0
	25	5.4	6.8	8.5	12.9	13.5	21.5	27.1	34.1	42.9	54.0
	50	5.3	6.7	8.4	12.7	13.4	21.2	26.7	33.6	42.3	53.3
	100	5.2	6.6	8.3	12.6	13.2	20.9	26.3	33.2	41.8	52.6
20	1	5.0	6.3	7.9	11.9	12.5	19.9	25.0	31.5	39.7	50.0
	5	4.8	6.1	7.6	11.6	12.1	19.3	24.2	30.5	38.5	48.4
	10	4.7	6.0	7.5	11.4	12.0	19.0	23.9	30.1	37.9	47.8
	25	4.6	5.9	7.4	11.2	11.7	18.6	23.5	29.6	37.2	46.9
	50	4.6	5.8	7.3	11.0	11.6	18.4	23.1	29.2	36.7	46.2
	100	4.5	5.7	7.2	10.9	11.4	18.1	22.8	28.8	36.2	45.6
30	1	4.3	5.4	6.8	10.3	10.8	17.2	21.7	27.3	34.4	43.3
	5	4.1	5.2	6.6	10.0	10.5	16.6	20.9	26.4	33.2	41.8
	10	4.1	5.1	6.5	9.8	10.3	16.4	20.6	26.0	32.7	41.2
	25	4.0	5.0	6.4	9.6	10.1	16.1	20.2	25.5	32.1	40.4
	50	3.9	5.0	6.3	9.5	10.0	15.8	19.9	25.1	31.6	39.8
	100	3.9	4.9	6.2	9.4	9.8	15.6	19.7	24.8	31.2	39.3
40	1	3.7	4.6	5.9	8.9	9.3	14.8	18.6	23.5	29.6	37.2
	5	3.5	4.5	5.7	8.6	9.0	14.3	18.0	22.6	28.5	35.9
	10	3.5	4.4	5.6	8.4	8.8	14.1	17.7	22.3	28.1	35.4
	25	3.4	4.3	5.4	8.3	8.7	13.8	17.3	21.8	27.5	34.6
	50	3.4	4.3	5.4	8.1	8.5	13.6	17.1	21.5	27.1	34.1
	100	3.3	4.2	5.3	8.0	8.4	13.3	16.8	21.2	26.7	33.6
50	1	3.1	4.0	5.0	7.6	8.0	12.6	15.9	20.1	25.3	31.8
	5	3.0	3.8	4.8	7.3	7.7	12.2	15.3	19.3	24.3	30.6
	10	3.0	3.7	4.7	7.2	7.5	12.0	15.1	19.0	23.9	30.1
	25	2.9	3.7	4.6	7.0	7.4	11.7	14.7	18.6	23.4	29.5
	50	2.9	3.6	4.6	6.9	7.2	11.5	14.5	18.3	23.0	29.0
	100	2.8	3.5	4.5	6.8	7.1	11.3	14.3	18.0	22.6	28.5

60	1	2.7	3.4	4.2	6.4	6.7	10.7	13.5	17.0	21.4	27.0
	5	2.5	3.2	4.1	6.2	6.5	10.3	13.0	16.3	20.6	25.9
	10	2.5	3.2	4.0	6.1	6.4	10.1	12.7	16.0	20.2	25.5
	25	2.4	3.1	3.9	5.9	6.2	9.9	12.4	15.7	19.8	24.9
	50	2.4	3.0	3.8	5.8	6.1	9.7	12.2	15.4	19.4	24.5
70	1	2.2	2.8	3.6	5.4	5.7	9.0	11.3	14.3	18.0	22.7
	5	2.1	2.7	3.4	5.2	5.4	8.6	10.9	13.7	17.3	21.7
	10	2.1	2.6	3.3	5.1	5.3	8.5	10.7	13.5	16.9	21.3
	25	2.0	2.6	3.3	5.0	5.2	8.3	10.4	13.1	16.5	20.8
	50	2.0	2.5	3.2	4.9	5.1	8.1	10.2	12.9	16.2	20.5
80	1	1.8	2.3	3.0	4.5	4.7	7.5	9.5	11.9	15.0	18.9
	5	1.8	2.2	2.8	4.3	4.5	7.2	9.0	11.4	14.4	18.1
	10	1.7	2.1	2.8	4.2	4.4	7.0	8.9	11.2	14.1	17.7
	25	1.7	1.7	2.7	4.1	4.3	6.9	8.6	10.9	13.7	17.3
95	1	1.4	1.7	2.2	3.4	3.5	5.6	7.1	8.9	11.2	14.2
	5	1.3	1.7	2.1	3.2	3.3	5.3	6.7	8.5	10.7	13.5
	(10) ^a	(1.3)	(1.6)	(2.1)	(3.1)	(3.3)	(5.2)	(6.6)	(8.3)	(10.5)	(13.2)

^a The values in brackets apply where testing can be shown to have been carried out for longer than one year at 110 °C