

CDC POLYURETHANE TUBE SPECIFICATION TABLE

MATERIAL : POLYURETHANE (Shore 98A)

ITEM	O.D. (mm)		Wall thickness (mm)		I.D. (mm)	Minimum bending radius at 23°C (mm)	Minimum burst pressure at 20°C (bar)	Minimum Tensile test (kgf/cm)
PU 0320	3	±0.1	0.5	+0.10 -0.05	2	8	30	2.5
PU 0420	4	±0.1	1	+0.10 -0.05	2	12	30	5
PU 0425	4	±0.1	0.75	+0.10 -0.05	2.5	12	30	5
PU 0640	6	±0.1	1	+0.10 -0.05	4	15	25	10
PU 0850	8	±0.1	1.5	+0.10 -0.05	5	20	25	15
PU 0855	8	±0.1	1.25	+0.10 -0.05	5.5	20	25	15
PU 1065	10	±0.15	1.75	+0.15 -0.07	6.5	25	25	20
PU 1280	12	±0.15	2	+0.15 -0.17	8	35	25	20
PU 1410	14	±0.15	2	+0.15 -0.07	10	50	18	25
PU 1611	16	±0.15	2.5	+0.15 -0.07	11	60	18	35
PU 1612	16	±0.15	2	+0.15 -0.07	12	70	16	35
PU 1/8"	3.18	±0.1	0.6	+0.10 -0.05	2	8	30	2.5
PU 5/32"	4	±0.1	0.75	+0.10 -0.05	2.5	12	30	5
PU3/16"	4.76	±0.1	0.88	+0.10 -0.05	3	12	30	5
PU 1/4"	6.35	±0.1	1.1	+0.10 -0.05	4.15	15	25	10
PU 5/16"	8	±0.1	1.5	+0.10 -0.05	5	20	25	15
PU 3/8"	9.53	±0.15	1.77	+0.10 -0.07	6	25	25	20
PU 1/2"	12.7	±0.15	2.1	+0.15 -0.07	6.15	35	25	20

Cf.ISO 14743

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BURST PRESSURE (bar) / TEMPERATURE

Temp (°C)	0	10	20	30	40	50	60
PU 0320	40	35	30	24	20	16	12
PU 0420	40	35	30	24	20	16	12
PU 0425	40	35	30	24	20	16	12
PU 0640	37	31	25	21	18	15	11
PU 0850	37	31	25	21	18	15	11
PU 0855	37	31	25	21	18	15	11
PU 1065	37	31	25	21	18	15	11
PU 1280	37	31	25	21	18	15	11
PU 1410	30	23	18	15	13	11	9
PU 1611	30	23	18	15	13	11	9
PU 1612	25	20	16	14	12	10	8
PU 1/8"	40	35	30	24	20	16	12
PU 5/32"	40	35	30	24	20	16	12
PU 3/16"	40	35	30	24	20	16	12
PU 1/4"	37	31	25	21	18	15	11
PU 5/16"	37	31	25	21	18	15	11
PU 3/8"	37	31	25	21	18	15	11
PU12"	37	31	25	21	18	15	11

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