

According to AD 2000 - Merkblatt W 6/2 guidelines (Material for Pressure Vessels)

		Maximum recommend Operating Pressures												
Cu-Tube				Short term service			Long term service (design life up to 100.000 h)							
O.D. (mm)	x	Wall	Min Wall	up to 50 °C (bar)	up to 100 °C (bar)	up to 150 °C (bar)	up to 50 °C (bar)	up to 100 °C (bar)	up to 110 °C (bar)	up to 120 °C (bar)	up to 130 °C (bar)	up to 140 °C (bar)	up to 150 °C (bar)	
Short Term	6,35	x	0,60	0,57	128	114	114	108	108	107	105	101	99	97
	9,52	x	0,62	0,59	86	77	77	73	73	71	70	67	66	65
	12,70	x	0,64	0,61	65	58	58	55	55	54	53	51	50	49
	15,88	x	0,67	0,64	54	48	48	46	46	45	44	43	42	41
	19,05	x	0,75	0,71	51	45	45	43	43	42	41	40	39	38
	22,23	x	0,85	0,81	49	44	44	41	41	41	40	38	38	37
Long Term	6,35	x	0,60	0,57	128	114	114	108	108	107	105	101	99	97
	9,52	x	0,62	0,59	86	77	77	73	73	71	70	67	66	65
	12,70	x	0,64	0,61	65	58	58	55	55	54	53	51	50	49
	15,88	x	0,72	0,68	59	52	52	50	50	49	48	46	45	44
	19,05	x	0,87	0,83	59	53	53	50	50	49	48	46	45	44
	22,23	x	1,00	0,95	58	52	52	49	49	48	47	46	45	44