

Dekabon tubing, which combines the advantages of metal and plastic tubing. Bending the very light tubing is possible without special tools. Good resistance against corrosion and various chemicals. The interior tube remains dry due to a film/aluminium barrier and can be laid in the ground without additional protection. Connection is possible with push-in connectors (additional self testing) and cutting ring fittings (amplification sleeve recommended).

**Areas of application:**

- pneumatic measurement and control lines in very wet or moist environments
- air and gas sampling
- aggressive environments (corrosion)
- The interior surface is best suited for air

Temperature range                      -40 °C to 80 °C  
 Outer cover                                Polyethylene  
 Inner tube                                    Aluminium



**Dekabon tube**

Art. No.	Type No.	Tube I.D. mm	Tube O.D. mm	Tolerances O.D mm	Min. bending radius mm	Tensile strenght / tube break at 25 °C kg	Crush resistance kg
141353	DKB-0604-25	4	6	+0.13/-0.28	19	45	135
141357	DKB-0805-25	5.3	8	+0.13/-0.28	25	60	150
141362	DKB-1006-25	6.2	10	+0.15/-0.30	32	110	220
141366	DKB-1208-25	8.13	12	+0.15/-0.30	40	135	180
141370	DKB-1410-25	9.75	14	+0.20/-0.35	50	135	180
141373	DKB-1511-25	10.75	15	+0.20/-0.35	50	140	180

**Dekabon tube – pressure / temperature**

Art. No.	Type No.	Max. operating pressure at 23 °C bar	Max. operating pressure at 65 °C bar	Max. operating pressure at 80 °C bar	Min. burst pressure at 25 °C bar
141353	DKB-0604-25	28.8	17.5	12	115
141357	DKB-0805-25	28.8	17.5	12	115
141362	DKB-1006-25	28.8	17.5	12	115
141366	DKB-1208-25	24.5	11	9.5	98
141370	DKB-1410-25	24.5	11	9.5	98
141373	DKB-1511-25	20	10	8.5	65