- **Formula for the calculation of the maximum internal allowable pressure:**

$$P' = \frac{50 \times S}{D'} \qquad \text{valid for } \frac{D^\circ}{D'} \leq 1{,}2$$

where:

P' = internal pressure of the tube in atmosphere or bar (1 bar=0,1 N/mm²)
S = thickness of the tube in mm.
D° = external diameter of the tube in mm.
D' = internal diameter of the tube in mm.