

TECHNICAL TUBES SELF- EXTINGUISHING POLYURETHANE TUBE

PLUS

**HALOGEN-FREE FLAME RETARDANT,
SELF-EXTINGUISHING IN CASE OF
FIRE**

**RESISTANT TO HYDROLYSIS AND
MICROBES**

**HIGH CHEMICAL RESISTANCE
(RESISTANT TO MOST DETERGENTS,
SOLVENTS AND OTHER FLUIDS
CONTACT)**

**REDUCED BENDING RADIUS
THAT ALLOWS IT TO BE USED IN
CONFINED SPACES**

EXCELLENT UV RESISTANCE

**MAXIMUM ABRASION RESISTANCE,
CAN BE USED IN CABLE DRAG
CHAINS**

**RECYCABLES (THE BASE POLYMER
CAN BE REUSED), EASILY DISPOSED
OF AT THE END OF SERVICE LIFE**

**USED IN THE INTERNATIONAL
AIRCRAFT CONSTRUCTION
AND GERMAN RAILWAYS,
CORRESPONDING STANDARDS
REGARDING RAILWAY FIRE
PROTECTION DIN 5510-2 (GERMAN
STANDARD) AND NF F 16-101
(FRENCH STANDARD)**





p. 717 / **PUKS**





Environment temperature:
-30°C ÷ 100°C
The working temperature depends on the working pressure.



Working pressure:
6 - 8 Bar (standard)
See table for pressure at 20°C
Burst pressure:
See the table
Negative pressure:
- 0,95 Bar (- 95 Kpa)



Compressed air, vacuum, water, gas and fluids suitable with construction materials

AVAILABILITY

Available on request and minimum order quantity PUKN tube that meets all requirements of the new European railway regulation EN 45545.



Material: Polyurethane with non-halogen flame retardants

FEATURES

- Hardness (DIN ISO 7619-1):
58 Shore D
- Tensile strength (DIN53504-S2/ISO37):
30 MPa
- Abrasion (DIN4649-A):
30 mm³
- Density (DIN EN ISO 1183-1-A):
1,27 g/cm³

SILICONE FREE



Products in compliance with EC Regulation 1907/2006

RoHS3

Products in compliance with the directive EU 2015/863

PUKS Self-extinguishing polyurethane tube



CODE	Ø ODxID	THICKNESS (mm)	BENDING RADIUS (mm)	WORKING PRESSURE AT 20°C (Bar)	MIN. BURSTING PRESSURE AT 20°C (Bar)	g/m	Q.TY FOR ROLL (mt)
PUKS0604	6x4	1	14	22	37	19,95	50
PUKS0857	8x5,7	1,15	28	18	32	31,43	50
PUKS1075	10x7,5	1,25	38	16	28	43,64	50
PUKS1209	12x9	1,5	45	20	30	62,84	50
PUKS1410	14x10	2	45	24	38	95,76	50
PUKS1611	16x11	2,5	55	28	37	134,66	50

Sizes ODxID	
	 Light blue
6x4	PUKS0604AZ
8x5,7	PUKS0857AZ
10x7,5	PUKS1075AZ
12x9	PUKS1209AZ
14x10	PUKS1410AZ
16x11	PUKS1611AZ



WORKING PRESSURE - PUKS

Limit of pressure load depending on temperature

