

ELECTRICAL INSULATING SLEEVES IMPREGNATED WITH POLYURETHANE

OsPu – made of glass silk, impregnated with polyurethane elastomer

APPLICATION:

- ✚ for cable insulation in low-voltage electrical machines and devices, i.e. electric motors, welding machines, transformers, lighting, household articles.

STANDARDS:

- ✚ PN-EN 60684-1 (U) (general requirements)
- ✚ PN-EN 60684-3-409 (U) (specific requirements)
- ✚ PN-EN 60684-2 (tests)

CHARACTERISTICS:

- ✚ natural colour
- ✚ heat resistance class: F
- ✚ breakdown voltage ≥ 5 kV
- ✚ continuous operating temperature: $-30 \div +155$ °C
- ✚ insulation resistance at room temperature: $\geq 10^9 \Omega$
- ✚ high flexibility
- ✚ halogen free
- ✚ high mechanical strength
- ✚ good behaviour with heat of soldering iron
- ✚ good performance with liquid fuels (no decomposition)
- ✚ resistant to transformer oils
- ✚ resistant to hydrocarbons

PACKAGING:

- ✚ **Reels:**
 - diameter 0,5 to 5 mm: 100 m
 - diameter 6 to 10 mm: 50 m
 - diameter 12 mm: 30 m
 - diameter 14 mm: 20 m



Inner diameter (mm)	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	6	7	8	9	10	12	14
Tolerance inner diameter, unilateral (mm)	0,3	0,4	0,4	0,4	0,4	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,6	0,6	0,6	0,6	1,0
Min wall thickness (mm)	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,5	0,5	0,5	0,5	0,4
Max wall thickness (mm)	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,9	0,9	0,9	0,9	1,0