

# Heat-shrink insulating tubes, RIS type

## FEATURES & BENEFITS

- full type examination performed by IEN Wrocław
- high dielectric strength
- used for LV busbar insulation

## LOGISTIC DATA

Quantity in package [m] 15

## APPLICATION

Insulation of busbars in switchboards. RIS tubes enable to decrease the distances between busbars – and at the same time decrease dimensions, protect from corrosion, help to avoid accidental short-circuits and increase personnel work safety.

## MECHANICAL DATA

**Material** cross-linked polyethylene

**Operating temp. [°C]** -55 ÷ +125

**Wall thickness on full shrinkage - s [mm]** 1,0

**Max. shrinking temperature [°C]** +200

## ELECTRICAL DATA

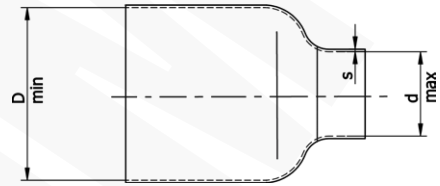
**Rated voltage [kV]** -

**Volume resistivity [Ωcm]** 1,0 x 10<sup>15</sup>

**1-minute strength [kV AC]** 42

**Dielectric strength [kV/mm]** 30

**Impulse withstand strength [kV, peak]** 75



Type	Index Ergom	Colour	d	D
RIS-1 60/25 RD (15 M)	R32RZ-07020100681	red	31	60
RIS-1 70/28 GR (15 M)	R32RZ-07020100801	green	34	70
RIS-1 100/40 YL (15 M)	R32RZ-07020101001	yellow	49	100
RIS-1 100/40 GR (15 M)	R32RZ-07020101101	green	49	100
RIS-1 100/40 VL (15 M)	R32RZ-07020101201	violet	49	100

s - Wall thickness on full shrinkage - s [mm], d - Inside diameter on full shrinkage d [mm], D - Inside diameter before shrinkage D [mm]