

# SAKOP 1/... KITS

## for repairs and making joints on electric power cables and cabtyre conductors for rated voltage up to 6 kV

The product is approved for application both on surface and in underground workings of mining operations

### APPLICATION AREA

- For repairs and making connections on electric power cables with rated voltage up to 3.6/6 kV
  - in insulation of soft PVC, polyethylene, cross-linked PE and in coatings and sheaths of thermoplastic materials (shielded, non-shielded).
  - wrapped in paper insulation and secured with lead coating or armour
- For repairs and making connections on cabtyre cables with rated voltage up to 3.6/6 kV
- Enables connections between cables/conductors with different cross-sections of working cores up to 240 mm<sup>2</sup>
- Suitable for direct burying into ground



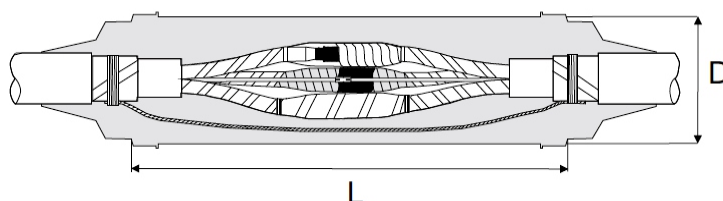
### TECHNICAL PARAMETERS

- Insulation of individual cores is restored:
  - with PVC tape or with self-bonding adhesive tape (for cables with thermoplastic insulation and for cabtyre cables)
  - oil-soaked tape for electric insulation (TPK oilcloth) or self-bonding insulating tape (for cables wrapped in paper insulation)
- Metallic shields of individual cores are mutually connected with tape made of copper mesh
- Overall cable shield is connected with a copper cord
- Outer sheath of the joint box is made of flame retardant soft PVC and flame retardant rubber and then filled with two-component polyurethane compound
- Each kit comprises all components and instruction manuals for making the joint
- The joint box can be connected to live voltage right after installation

### SPECIFICATION

Cables in insulation made of thermoplastic materials and cabtyre cables	Cross-section [mm <sup>2</sup> ]	Outer sheath L [mm], D[mm]	Cables in paper insulation	Cross-section [mm <sup>2</sup> ]	Outer sheath L [mm], D[mm]
SAKOP 1/0	up to 50	L=350, D=63	SAKOP 1/1P	up to 70	L= 500, D= 80
SAKOP 1/1	up to 70	L=380, D=80	SAKOP 1/2P	up to 120	L= 600, D= 90
SAKOP 1/2	up to 120	L=420, D=90	SAKOP 1/3P	up to 150	L= 800, D= 125
SAKOP 1/3	up to 150	L=600, D=125	SAKOP 1/3aP	up to 240	L= 1000, D= 125
SAKOP 1/3a	up to 240	L=800, D=125	SAKOP 1/3bP	up to 240	L= 1200, D= 125
SAKOP 1/3b	up to 240	L=1000, D=125			
SAKOP 1/3c	up to 240	L=1200, D=125			
SAKOP 1/3d	up to 240	L=1500, D=125			

### STRAIGHT THROUGH JOINT BOX



v.2