

# Power Cable Accessories

## Y1 Heat Shrink Breakout Boots

### Introduction

Molded heat shrinkable breakout boots. Adhesive applied on big end and legs. Sealing and insulation protection for branching of multi-core cables.

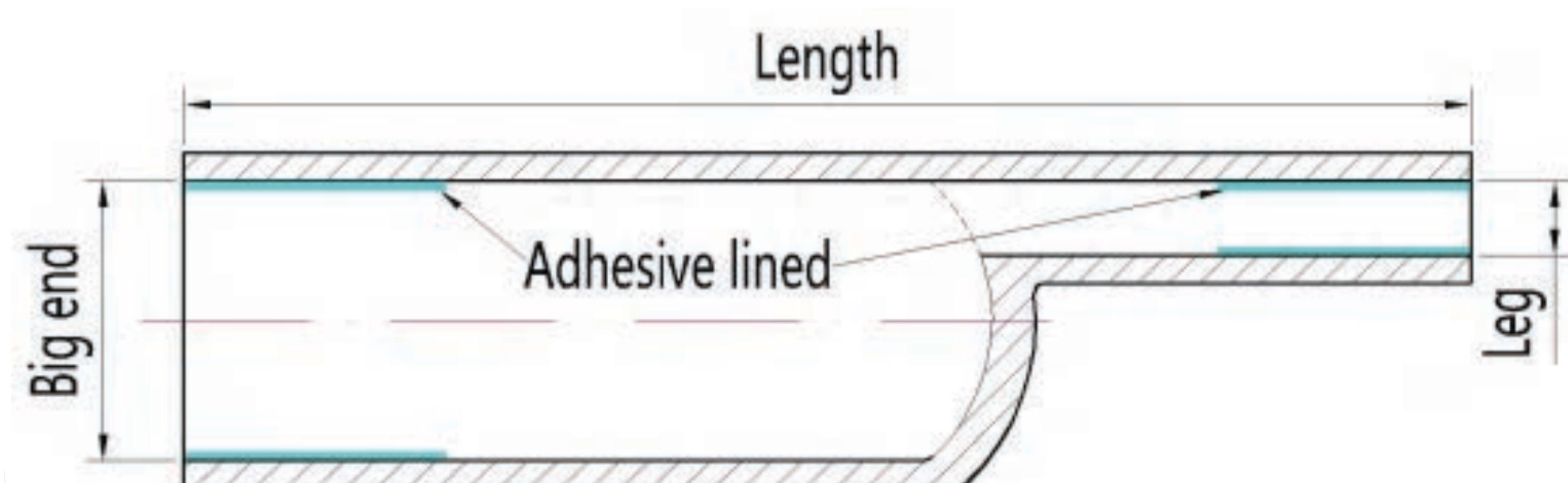
### Features

- Operating temperature: -55 to 105°C
- Voltage class: 1kV ~ 36kV
- Insulated, sealed and waterproof
- Standard Color: Black

### Dimension

Part No. Y1	As supplied(mm)			After recovered (mm)		Size for conductor mm <sup>2</sup>
	Inner diameter Big end (min.)	Inner diameter Leg (min.)	Length (±20%)	Inner diameter Big end (max.)	Inner diameter Leg (max.)	
Y1-2/0h	21	11	120	13	5	4-6, 10-16
Y1-2/1h	30	15	120	20	7	25-50
Y1-2/2h	40	20	140	25	10	70-120
Y1-2/3h	60	30	150	35	11	150-240
Y1-2/4h	70	40	140	40	13	300-400, 500-630
Y1-3/00h	35	14	130	22	6	4-6, 10-16
Y1-3/0h	50	23	170	29	9	25-50
Y1-3/1h	70	28	200	38	12	70-120
Y1-3/2h	84	37	200	46	15	150-240
Y1-3/3h	100	47	200	55	19	300-400
Y1-3/4h	125	58	200	70	28	500-630
Y1-4/0h	34	10	150	18	5	4-6, 10-16
Y1-4/1h	45	15	150	25	7	25-50
Y1-4/2h	60	22	180	32	9	70-120
Y1-4/3h	75	30	180	40	12	150-240
Y1-4/4h	90	30	190	45	14	300-400
Y1-5/0h	37	11	130	24	5	4-6, 10-16
Y1-5/1h	50	14	150	28	8	25-50
Y1-5/2h	75	23	170	36	9	70-120
Y1-5/3h	90	30	180	46	13	150-240
Y1-5/4h	105	36	200	50	14	300-400
Y1-6/1h	50	12	120	28	5	/
Y1-6/2h	60	16	120	30	7	/

Part No. Y1	As supplied(mm)			After recovered (mm)	
	Inner diameter Big end (min.)	Inner diameter Big/Small Leg (min.)	Length (±20%)	Inner diameter Big end (max.)	Inner diameter Big/Small Leg (max.)
Y1-6/1hs	83	31/19	220	40	11/8
Y1-6/2hs	133	52/30	220	53	16/11



### Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥ 12 MPa
Ultimate Elongation	ASTM D2671	≥ 300%
Heat Aging (136°C/168h)	ASTM D2671	
Tensile Strength		≥ 10 MPa
Ultimate Elongation		≥ 270%
Water absorption (23°C/24h)	ASTM D2671	≤ 0.5%
Low-temperature flexibility (-40°C/4h)	ASTM D2671	No cracking
Heat shock (200°C/4h)	ASTM D2671	No dripping or flowing
Dielectric strength	ASTM D2671	≥ 15 kV/mm
Volume resistivity	ASTM D2671	≥ 1×10 <sup>13</sup> Ω.cm

Note: Use standard samples for testing

