



Y1-MVB Medium Voltage Semi-conductive Black Cable Breakout Boots

Features

- Molded semi-conductive cable breakout boots
- Insulation, protection and sealing
- Life expectancy of 20 years at -55 °C to 105 °C
- Red sealant liner
- Flame retardant (optional)
- Operating temperature: -55~105 °C
- Shrink temperature: 120~140 °C
- Shrink ratio: $\geq 2:1$
- Voltage class: 8-15 KV

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	$\geq 12\text{MPa}$
	Breakdown elongation	ASTM D2671	$\geq 400\%$
	Aging (136°C/168hrs)	Tensile strength	ASTM D2671 $\geq 10\text{ MPa}$
		Breakdown elongation	ASTM D2671 $\geq 300\%$
	Water absorption	ASTM D570	$\leq 0.5\%$
	Density	ASTM D2671	1.1~1.2
	Thermal endurance	IEC 216	-55~105°C
	Low temperature flexibility(-55°C/4hrs)	ASTM D2671	No cracking
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow
Electrical	Volume resistivity	ASTM D2671	$\leq 10^4 \Omega \cdot \text{cm}$

Dimensions

Reference	As supplied (mm)		After recovered(mm)		Length $\pm 20\%$ (mm)		Thickness $\pm 10\%$ (mm)		Size for
UPM Y1-MVB	Big end	Leg	Big end	Leg	Total length	Leg length	Big end	Leg	conductor (mm ²)
Y1-3/0b	58	25	26	8	165	50	3.0	2.5	10-16
Y1-3/1b	75	32	38	12	210	70	3.5	2.5	25-50
Y1-3/2b	100	47	55	16	235	85	4.0	3.0	70-120
Y1-3/3b	129	60	75	28	220	80	4.0	3.0	150-240

Typical application

- Ideal for energy supply infrastructure, chemical factories, oil refineries, metallurgy, harbor or other locations where safety and reliability of energy supplies are vital for daily operations.

Ordering

- Standard color : Black
- Standard packaging by pieces
- Please provide specification, quantity when ordering

Cross reference

- Raychem/ Tyco : CBR



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