

## ADHESIVE-LINED POLYOLEFIN TUBING

# UCSM **Wraparound Repair Polyolefin Sleeve for Power Cable** 電纜修護片

### 應用 Applications

修補片是用以修復電纜及電纜護套破損，能簡單而又迅速地將受損之電纜外護套密封並絕緣。它是一種包覆型護套修復套管，施工簡單，尺寸選擇性範圍廣，各種場合均適用，配以熱熔膠能解決密封防水問題。

UCSM is a kind of wraparound repairing sleeve, which used for repairing the breakage of the cable and the cable jacket. It can easily and quickly seal up and insulates the damaged outer jacket of the cable. Easily operation and widely range provides a suitable selection for applying in any situations. Inner hot-melt adhesive can solve the waterproof problem.

### 特性 Characteristics

- 3:1收縮率
- 能抵抗UV，防水
- 良好的電氣絕緣性能
- Shrinkable Ratio: 3:1
- Resistant to UV and waterproof
- Excellent electricity and insulation

### 操作溫度範圍 Operating temperature range

- 操作溫度：-40°C~110°C
- 最低收縮溫度：65°C
- 最低完全收縮溫度：120°C
- Operating temperature: -40°C~110°C
- Minimum shrink temperature: 65°C
- Minimum fully recovery temperature :120°C

### Product Dimensions 產品規格

Part Number	As supplied 收縮前 (mm)	After recovered 收縮後 (mm)	Standard Length	Cable diameter
產品型號	I.D. (min) 內徑	I.D. (max.) 內徑	標準長度 (米)	外徑 (mm)
UCSM036	36	10	1	10~30
UCSM050	50	15	1	15~40
UCSM080	80	25	1	25~70
UCSM100	100	30	1	30~90
UCSM135	135	38	1	35~120
UCSM185	185	55	1	55~165
UCSM220	220	65	1	65~200

### Technical Data

Property	Test Method	Typical Value
Tensile strength	ISO 37	17 MPa min.
Ultimate Elongation	ISO 37	350% min.
Density	ISO 1183 Method A	1.0-1.2g/cm <sup>3</sup> .
Hardness	ISO 868	50-70 D
Accelerated Ageing	ISO 37	14 MPa min.
Thermal Endurance	ISO 37	300% min.
Low Temperature Flexibility	IEC 60216	120°C
Dielectric Strength	ASTMD 2671 Procedure C	No cracking
Volume Resistivity	IEC 60243	1mm 180kv/cm min. 3.5mm 120kv/cm min.
Dielectric Constant	IEC 60093	1x10 <sup>12</sup> Ωcm min.
Water Absorption	IEC 60250	5 max.
Resistance to Liquids	ISO 62 Method	0.5% max
Resistance to Fungi	ISO 37	14 MPa min.
	ISO 37	300% min.
Resistance to Fungi	ASTMG21	Pass Rating1

- Standard color : black
- Special size, cut length pieces are available on request

標準顏色：黑色  
特殊規格和切管長度可以根據客戶要求特殊訂做

