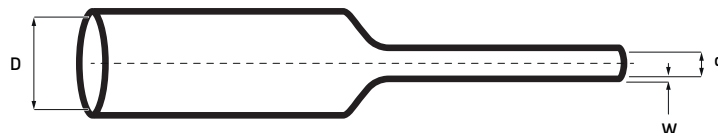


# EM 100A Medium wall adhesive lined heat-shrink tubing

Scheda Tecnica aggiornata al **22.09.2016** / pag. 1 di 1



## SHRINK RATIO 3:1 - 4:1

## FEATURES

Abrasion resistance  
Waterproof properties  
High shrink ratio  
Underground application

## VERSION

● Black

## PACKAGING

Meter length

## MATERIALS

Crosslinked polyolefin  
Hot melt glue

## FIELD OF USE

**Continuous operating temperature:**  
-40°C ÷ +120°C

**Shrink temperature:**  
>110°C

DIMENSIONS				PACKAGING
Minimum ID supplied	Max ID recovered	Recovered wall thickness NOM	Recovered outer jacket thickness NOM	Length
mm	mm	mm	m	m
D	d	W	w	
12,0	3,0	2,2	1,3	25
22,0	6,0	2,3	1,3	15
33,0	8,0	2,6	1,4	10
40,0	12,0	2,6	1,4	5
55,0	17,0	2,9	1,5	3
65,0	19,0	3,2	1,6	3
72,0	22,0	3,2	1,6	2
92,0	26,0	3,2	1,6	1
115,0	35,0	3,4	1,7	1
180,0	60,0	3,5	1,8	1

PHYSICAL PROPERTIES			
Description	Test method	Typical value	UM
Tensile strength	ASTM D 638	14	N/nm <sup>2</sup>
Elongation at break	ASTM D 638	400	%
Longitudinal change	ASTM D 2671	-10 ÷ 0	%
Water absorption	ASTM D 570	0,12	%
Specific gravity	ASTM D 792	1,08	-

ELECTRICAL PROPERTIES			
Description	Test method	Typical value	UM
Dielectric strength	ASTM D 2671	17	kV/mm
Volume resistivity	ASTM D 257	10 <sup>14</sup>	ohm cm
Voltage level	EN 50393	0,6/1,0 (1,2)	kV

THERMAL PROPERTIES			
Description	Test method	Typical value	UM
Heat shock 4h at 200°C	ASTM D 2671	no drip, crack, flow	-
Heat ageing 168h at 150°C	ASTM D 638	elongation 300	%
Low temp flexibility at -55°C	ASTM D 2671 C	no crack	-

OTHER PROPERTIES			
Description	Test method	Typical value	UM
Copper corrosion	ASTM D 2671 B	no corrosion	
Fungus resistance	ISO R 46 (A)	rate I	-