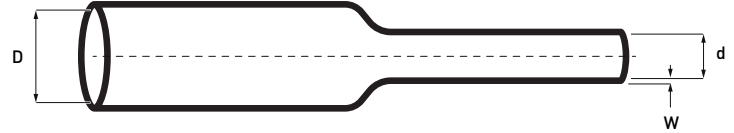


# EV 100 Thin wall heat-shrink tubing

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



## SHRINK RATIO 2:1

## APPLICATION

General cable protection  
 Electrical insulation  
 Cable ID  
 Halogen free

## VERSION

● Black

## PACKAGING

Box  
 Meter length  
 Reel

## MATERIALS

Crosslinked EVA  
 HF Flame retardants

## FIELD OF USE

**Continuous operating temperature:**  
 -30°C ÷ +105°C

**Shrink temperature:**  
 >90°C

## APPROVALS / CERTIFICATIONS

FMVSS 302

DIMENSIONS					PACKAGING		
Size		Minimum ID supplied	Max ID recovered	Recovered wall thickness (NOM)	Reel	Dispenser box	Length
inch	mm	mm	mm	mm	m	m	m
		D	d	W			
1/16	1,6	1,6	0,8	0,43	200	15	30
3/32	2,4	2,4	1,2	0,51	200	15	30
1/8	3,2	3,2	1,6	0,51	200	15	30
3/16	4,8	4,8	2,4	0,51	200	12	24
1/4	6,4	6,4	3,2	0,64	150	12	24
3/8	9,5	9,5	4,7	0,64	150	10	20
1/2	12,7	12,7	6,4	0,64	100	8	16
3/4	19,1	19,1	9,5	0,77	50	5	10
1	25,4	25,4	12,7	0,89	50	3	6
1 1/2	38,1	38,1	19,1	1,02	25	-	-
2	50,8	50,8	25,4	1,14	25	-	-

PHYSICAL PROPERTIES			
Description	Test method	Typical value	UM
Tensile strength	ASTM D 638	10	N/nm <sup>2</sup>
Elongation at break	ASTM D 638	200	%
Longitudinal change	ASTM D 2671	-10 ÷ +5	%
Water absorption	ASTM D 570	<0,5	%
Specific gravity	ASTM D 792	1,20	-

ELECTRICAL PROPERTIES			
Description	Test method	Typical value	UM
Dielectric strength	ASTM D 2671	20	kV/mm
Volume resistivity	ASTM D 257	10 <sup>14</sup>	Ohm cm

THERMAL PROPERTIES			
Description	Test method	Typical value	UM
Heat shock 4h at 175°C	ASTM D 2671	no drip, crack, flow	-
Heat ageing 168h at 150°C	ASTM D 638	elongation 100	%
Low temp flexibility at -30°C	ASTM D 2671 C	no crack	-
Flammability	FMVSS 302	pass	-

OTHER PROPERTIES			
Description	Test method	Typical value	UM
Chemical resistance [acid/base]	AMS-DTL-23053/5	good	-