

Thin flexible heat-shrink tubing in cross-linked polyolefin with high mechanical strenght and chemical resistant

SHRINK RATIO

2:1

COLOR

- Black
- Green/yellow stripes
- White
- Red
- Blue
- Trasparent

MATERIALS

Crosslinked EVA
Flame retardants

PACKAGING

Reel
Box
Meter length

INSTALLATION TEMPERATURE

Continuous operating temperature:

-55°C ÷ +135°C

Shrink temperature:

>90°C

APPLICATION

- General cable protection
- Electrical insulatio
- Cable ID
- Flame resistant

CERTIFICATION



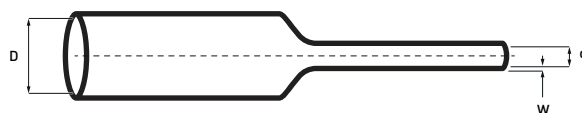
60684-3-209

UL224 125°C - UL cert.E 228117*

CSA C22.2 N. 198.1-98 OFT*

* trasparent not included

Technical data and packaging



Description	Size		DIMENSION			PACKAGING		
			Minimum Ø supplied	Max Ø recovered	Recovered wall thickness	Reel	Box	Length
	(inches)	(mm)	(mm)	(mm)	(mm)	(m)	(m)	(m)
			D	d	W			
ET 100 1,2/0,6	3/64	1,2	1,2	0,6	0,41	200	15	30
ET 100 1,6/0,8	1/16	1,6	1,6	0,8	0,43	200	15	30
ET 100 2,4/1,2	3/32	2,4	2,4	1,2	0,51	200	15	30
ET 100 3,2/1,6	1/8	3,2	3,2	1,6	0,51	200	15	30
ET 100 4,8/2,4	3/16	4,8	4,8	2,4	0,51	200	12	24
ET 100 6,4/3,2	1/4	6,4	6,4	3,2	0,64	150	12	24
ET 100 9,5/4,7	3/8	9,5	9,5	4,7	0,64	150	10	20
ET 100 12,7/6,4	1/2	12,7	12,7	6,4	0,64	100	8	16
ET 100 19,1/9,5	3/4	19,1	19,1	9,5	0,77	50	5	10
ET 100 25,4/12,7	1	25,4	25,4	12,7	0,89	50	3	6
ET 100 38,1/19,1	1 1/2	38,1	38,1	19,1	1,02	25	-	4
ET 100 50,8/25,4	2	50,8	50,8	25,4	1,14	25	-	3
ET 100 76,2/38,1	3	76,2	76,2	38,1	1,27	15	-	3
ET 100 101,6/50,8	4	101,6	101,6	50,8	1,40	15	-	3

PHYSICAL PROPERTIES

Description	Test method	Typical value	UM
Tensile strength	ASTM D638	13	N/mm²
Elongation at break	ASTM D638	300	%
Longitudinal change	ASTM D2671	-5 ÷ +5 -10 ÷ +5 (clear)	%
Water absorption	ASTM D570	max 0,5	%
Specific gravity	ASTM D792	1,45	-

ELECTRICAL PROPERTIES

Description	Test method	Typical value	UM
Dielectric strength	ASTM D2671	20	kV/mm
Volume resistivity	ASTM D257	10 ¹⁴	ohm cm

THERMAL PROPERTIES

Description	Test method	Typical value	UM
Heat shock 4h at 250°C	ASTM D2671	no drip, crack, flow	-
Heat ageing 168h at 175°C	ASTM D2671	elongation 250	%
Low temp flexibility at -55°C	ASTM D2671 C	no crack	-
Flammability	UL224	pass (colors only)	-

OTHER PROPERTIES

Description	Test method	Typical value	UM
Chemical resistance	EN 60684-2-36	pass	-
Copper corrosion	ASTM D2671 B	no corrosion	-