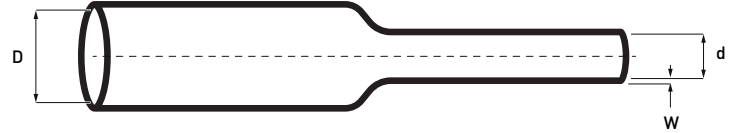


ET 100 Thin wall heat-shrink tubing

Technical Data Sheet update to **16.09.2016** / pag. 1 of 1



SHRINK RATIO

2:1

APPLICATION

General cable protection
 Electrical insulation
 Cable ID
 Flame resistant

VERSIONS

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

PACKAGING

Box
 Length
 Reel

MATERIALS

Crosslinked EVA
 Flame retardants

FIELD OF USE

Continuous operating temperature:
 -55°C ÷ +135°C

Shrink temperature:
 >90°C

APPROVALS / CERTIFICATIONS

SAE-AMS-DTL-23053/5

 UL224

DIMENSIONS					PACKAGING		
Size		Minimum ID supplied	Max ID recovered	Recovered wall thickness	Reel	Box	Length
inches	mm	mm	mm	mm	m	m	m
		D	d	W			
3/64	1,2	1,2	0,6	0,41	200	15	30
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	-	4
2	50,8	50,8	25,4	1,14	25	-	3
3	76,2	76,2	38,1	1,27	15	-	3
4	101,6	101,6	50,8	1,40	15	-	3

PHYSICAL PROPERTIES			
Description	Test method	Typical value	UM
Tensile strength	ASTM D 638	13	N/mm2
Elongation at break	ASTM D 638	350	%
Longitudinal change	ASTM D 2671	-5 ÷ +5	%
Water absorption	ASTM D 570	0,2	%
Specific gravity	ASTM D 792	1,45	-

ELECTRICAL PROPERTIES			
Description	Test method	Typical value	UM
Dielectric strength	ASTM D 2671	20	kV/mm
Volume resistivity	ASTM D 257	10 ¹⁶	Ohm cm

THERMAL PROPERTIES			
Description	Test method	Typical value	UM
Heat shock 4h at 250°C	ASTM D 2671	no drip, crack, flow	-
Heat ageing 168h at 175°C	ASTM D 638	elongation 250	%
Low temp flexibility at -55°C	ASTM D 2671 C	no crack	-
Flammability	UL224	pass	-

OTHER PROPERTIES			
Description	Test method	Typical value	UM
Chemical resistance (acid/base)	AMS-DTL-23053/5	pass	-