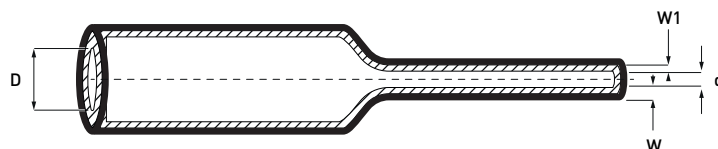


EL 301A Thin wall adhesive lined heat-shrink tubing

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



SHRINK RATIO 3:1

FEATURES

Insulation and protection
Waterproof properties
High shrink ratio
Flame resistant

VERSIONS

● Black

PACKAGING

Box
Meter length
Reel

MATERIALS

Crosslinked EVA
Hot melt glue

FIELD OF USE

Continuous operating temperature:
-55°C ÷ +110°C

Shrink temperature:
>100°C

APPROVALS / CERTIFICATIONS

SAE-AMS-DTL-23053/5

DIMENSIONS				PACKAGING	
minimum ID supplied	max ID recovered	recovered wall thickness NOM	recovered outer jacket thickness NOM	Box	Length
mm	mm	mm	m	m	m
D	d	W	w		
3,0	1,0	1,0	0,5	15	30
6,0	2,0	1,1	0,5	12	24
9,0	3,0	1,3	0,6	10	20
12,0	4,0	1,7	0,8	8	16
18,0	6,0	2,0	1,0	5	10
24,0	8,0	2,5	1,2	3	6

PHYSICAL PROPERTIES			
Description	Test method	Typical value	UM
Tensile strength	ASTM D 638	11	N/nm ²
Elongation at break	ASTM D 638	300	%
Longitudinal change	ASTM D 2671	-15 ÷ +1	%
Water absorption	ASTM D 570	0,5	%
Specific gravity	ASTM D 792	1,45	-

ELECTRICAL PROPERTIES			
Description	Test method	Typical value	UM
Dielectric strength	ASTM D 2671	15	kV/mm
Volume resistivity	ASTM D 257	10 ¹⁴	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 175	%
Low temp flexibility at -55°C	ASTM D 2671 C	no crack	-
Flammability	ASTM D 2671 B	pass	-

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