



M 110 REV.0

TECHNICAL DATA SHEET

COVERSIL - SILICONE RUBBER HEAT SHRINKABLE TUBING

<i>CHARACTERISTICS:</i>	<i>UM:</i>	<i>REFERENCE STANDARD:</i>	<i>TYPICAL VALUE:</i>
BASIC COLOUR	X	X	GREY
SHRINKAGE TEMPERATURE	°C	UL 224	From +80°C
OPERATION TEMPERATURE	°C	UL 224	From -50°C to +200°C
% RETRACTION RATE	%	Internal method	≥ 47 %
CONCENTRICITY	X	UL 224	≥ 65
DENSITY	g/cm ³	ASTM D 1817	1.2 +/-0,1
HARDNESS	Shore A	ASTM D 2240	From 60 to 75 Shore A
TENSILE STRENGTH	MPa	ASTM D 624	≥ 4
ELONGATION AT BREAK	%	ASTM D 412	≥ 250
TEAR STRENGTH	KN/m	ASTM D 624	≥ 14
DIELECTRIC STRENGTH	KV/mm	ASTM D 149	≥ 20
DIELECTRIC CONSTANT	X	ASTM D 150	2,5-3,5
DISSIPATION FACTOR	X	ASTM D 150	0,001
VOLUME RESISTIVITY	Ω/cm	ASTM D 149	1X10 ¹²
FLAME RETARDANT	X	UL 224	VW-1

First version: 27/06/2016		Rev: 00	Issued by: Ufficio tecnico Approved by : Direzione
Revision date	N° rev.	Details	
27/06/2016	00	First version	

AVAILABLE DIMENSIONS:

ITEM CODE:	DIMENSION:	ITEM NAME:	DIAMETER TUBE BEFORE THE SHRINK	DIAMETER TUBE AFTER THE SHRINK	WALL THICKNESS AFTER THE SHRINK
10-5	1x2	2 mm	2.2-3.0	0.8-1.3	0.3-0.7
10-10	1x3	2 mm	2.3-3.4	0.8-1.3	0.3-0.7
15-5	1,5x2,5	3 mm	2.9-3.8	1.3-1.8	0.3-0.7
15-10	1,5x3,5	3 mm	3.0-4.2	1.3-1.8	0.8-1.2
20-5	2x3	4 mm	4.0-5.6	1.7-2.3	0.3-0.7
20-10	2x4	4 mm	3.8-5.2	1.7-2.3	0.8-1.2
25-10	2,5x4,5	5 mm	5.0-6.7	2.2-2.9	0.8-1.2
30-10	3x5	6 mm	6.2-8.0	2.7-3.5	0.8-1.2
30-20	3x7	6 mm	5.9-6.49	2.7-3.3	0.8-1.2
40-10	4x6	8 mm	7.8-10.0	3.5-4.4	0.8-1.2
55-15	5,5x8,5	11 mm	10.0-13.0	5.0-6.2	1.2-1.8
80-15	8x11	16 mm	15.0-19.0	7.3-9.0	1.2-1.8
110-20	11x15	22 mm	20.0-25.0	10.2-12.5	1.7-2.3
140-13	14x16,6	28 mm	24.0-29.0	13.5-16.0	1.0-1.6
170-20	17x21	32 mm	29.0-35.0	15.0-19.0	1.7-2.3
230-30	23x29	43 mm	41.0-49.0	20.0-26.0	2.7-3.3
290-30	29x35	55 mm	50.0-60.0	27.0-34.0	2.7-3.3
350-15	35x38	66 mm	62.0-75.0	34.0-43.0	1.2-1.8
350-30	35x41	66 mm	60.0-73.0	31.0-40.0	2.7-3.3
400-30	40x46	70 mm	67.0-84.0	37.0-49.0	2.5-3.5
500-30	50x56	80 mm	78.0-98.0	45.0-60.0	2.5-3.5
600-30	60x66	96 mm	95.0-118.0	55.0-70.0	2.5-3.5
800-30	80x86	128 mm	130.0-160.0	75.0-95.0	2.5-3.5
1000-30	100x106	160 mm	158.0-193.0	90.0-115.0	2.5-3.5
1200-30	120x126	192 mm	190.0-230.0	110.0-140.0	2.5-3.5
1500-30	150x156	240 mm	235.0-285.0	135.0-170.0	2.5-3.5

First version: 27/06/2016		Rev: 00	Issued by: Ufficio tecnico Approved by : Direzione
Revision date	N° rev.	Details	
27/06/2016	00	First version	