

**EXTRUDED PVC SLEEVING**Produced by **S.I.G.I. srl**

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# PVC 125°

CHARACTERISTICS	UNIT	TEST METHOD	PVC 125°
Temperature class			B
thermal stability congo red	minutes	CEI 20-34/3-2	≥240
Minimum temperature	°C		-20
Maximum temperature	°C		+125
Dielectrical strength	kV/mm		10 to 20
Density	Kg/ dm <sup>3</sup>	ISO 1183/87	1.25 ±0.02
Hardness	ShA	ISO 868/85	82 ±2
Resistance at break	Kg/ cm <sup>2</sup>	ISO R527/66	≥180
Elongation at break	%	ISO 527/66	≥320
Good mechanical resistance			Yes
Ossigen Index	%	CEI 20-22/87	23 ±1
Very flexible			Yes
Manufactured diameters	mm		1 to 30 mm
Colours			All colors
Packagings			On request
Immersion in diesel fuel at 23°C for 6 h			no cracking
Immersion in unleaded gasoline at 23°C for 4 h			no cracking
Immersion in oil ASTM2 at 60°C for 72 h			no cracking

Material suitable for classification of Flammability UL 94 V0

## STANDARDS\*

- ü Compliant with directive RoHS 2002/95/CE
- ü Compliant with directive RoHS 2011/65/CE
- ü Compliant with SHVC (list published by the ECHA)
- ü Compliant with CEI EN 60684-3-100-105
- ü Heavy Metals - Directive 2000/53/EC – ELV

\* Our products pass all or parts of requirements for the above-mentioned standards. The technical informations written on our datasheets correspond to the most recent knowledges we have on those products, but the user is not exempted to verify the performances in the real particular context of application.

**DIMENSIONI PVC 70 - 105**

**TAB.006 REV.03**

EMESSA DA: <i>Aldo Usinabia</i>		DATA EMISS.: <i>17/03/09</i>	DIFFUSIONE: <i>reparto estrusione</i>	
APPROVATA DA: <i>Aldo Usinabia</i>		DATA REV.: <i>19/11/2013</i>	Motivo rev: <i>diminuiti sensibilmente i valori di spessore standard di produzione Sigi, secondo tabella di Mathieu.</i>	
DIAMETRO INTERNO		SPESSORE DI PARETE		
NOMINALE	TOLLERANZA DIAMETRO	Min. ( <i>thin wall meno toll.negativa</i> )	Max. ( <i>thick wall più toll.positiva</i> )	Valore standard produzione Sigi
0.5	± 0,10	0,2	0,6	<b>0,3</b>
0.8	± 0,10	0,2	0,6	<b>0,3</b>
1	± 0,15	0,2	0,6	<b>0,3</b>
1.5	± 0,15	0,2	0,6	<b>0,3</b>
2	± 0,15	0,2	0,6	<b>0,3</b>
2.5	± 0,15	0,2	0,6	<b>0,3</b>
3	± 0,15	0,2	0,6	<b>0,3</b>
3.5	± 0,15	0,2	0,6	<b>0,4</b>
4	± 0,25	0,2	0,6	<b>0,4</b>
4.5	± 0,25	0,2	0,6	<b>0,4</b>
5	± 0,25	0,2	0,6	<b>0,4</b>
6	± 0,25	0,2	0,6	<b>0,4</b>
7	± 0,25	0,2	0,6	<b>0,4</b>
8	± 0,25	0,4	0,95	<b>0,4</b>
9	± 0,25	0,4	0,95	<b>0,45</b>
10	± 0,50	0,4	0,95	<b>0,45</b>
11	± 0,50	0,4	0,95	<b>0,5</b>
12	± 0,50	0,4	0,95	<b>0,5</b>
13	± 0,50	0,4	0,95	<b>0,5</b>
14	± 0,50	0,4	0,95	<b>0,5</b>
15	± 0,50	0,4	0,95	<b>0,55</b>
16	± 0,50	0,4	1,4	<b>0,6</b>
17	± 0,50	0,4	1,4	<b>0,6</b>
18	± 0,50	0,4	1,4	<b>0,6</b>
19	± 0,50	0,4	1,4	<b>0,6</b>
20	± 0,50	0,4	1,4	<b>0,6</b>
21	± 0,50	0,4	1,4	<b>0,6</b>
22	± 0,50	0,4	1,4	<b>0,7</b>
24	± 0,50	0,4	1,4	<b>0,7</b>
25	± 0,50	0,4	1,4	<b>0,7</b>
26	± 0,50	0,4	1,4	<b>0,7</b>
28	± 0,50	0,4	1,4	<b>0,8</b>
30	± 0,50	0,4	1,4	<b>0,8</b>

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