

## Standard products

### Shrinking tube SP 63670

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**Description:** SP 63670 is a semi-stiff shrinking tube with a thin wall-thickness made of fluorplastic.

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**Properties:** SP 63670 offers chemical resistance is self-extinguishing and has high abrasion strength. The shrinkage should be started at the end and the metal body should be pre-warmed. SP 63670 has a shrinkage-ratio of 2:1.

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**Applications:** SP 63670 is used for insulation and mechanical protection of lines and components, even at higher surrounding temperatures. It is also used as protection of soldering and crimp connections.

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**Colour:** transparent

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**Delivery forms:** SP 63670 is available in a variety of lengths and diameters.

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Properties	Test method	Unit	Value
Tensile strength	ASTM D638	MPa	41
Elongation at break	ASTM D638	%	420
Elongation, lengthwise	SAW-AMS-DDTL-23053	%	-7
Spec. density	ASTM D792		1,76
Electricity module	ASTM D882	MPa	895
Flexibility at cold, 4 h at -55°C	SAW-AMS-DTL-23053		No cracking
Long-term aging, 168 h at 250°C	SAW-AMS-DTL-23053	%	320
Short-term aging 4 h at 300°C	SAW-AMS-DTL-23053		No flowing, dripping, cracking
Flammability	UL 224, VW-1		Self-extinguishing
Dielectric strength	ASTM D876	kV/mm	43
Contact resistance	ASTM D876	Ohm/cm	3,8 x 10 <sup>15</sup>
Compatibility to copper, 168 h at 180°C	UL 224		Not corrosive
Water absorption	ASTM D570	%	0,1
Shrinkage-temperature		°C	0,175

Min. ID mm delivery	Max. ID mm after shrinking	Norm. wall-thickness mm after shrinking
1,20	0,60	0,25
1,60	0,80	0,25
2,40	1,20	0,25
3,20	1,60	0,25
4,80	2,40	0,25
6,40	3,20	0,30
9,50	4,80	0,30
12,70	6,40	0,30
19,10	9,50	0,43
25,40	12,70	0,48
38,10	19,10	0,51

Dr. Dietrich Müller GmbH

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**Please note:**

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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Dr. Dietrich Müller GmbH