

---

## Extruded Sleeving H

Sleeving H is an extruded silicone sleeving.

---

### Attributes

Sleeving H is flexible, transparent and available in various colours. Due to the silicone rubber coating, this sleeving provides high permanent temperature resistance of class H (180 °C) and thermal resistance up to 200 °C; the special quality version guarantees thermal resistance up to 250 °C.

---

### Application

Sleeving H is used as lightweight, additional mechanical protection for applications with very high thermal stress. Furthermore, it offers additional electrical insulation for cables and enamelled copper wires in electric machines and transformers as well as in certain electronic applications.

---

### Standards

According DIN 60684-3, sheet 123:2001

---

### Delivery forms

Standard: transparent (inner diameter / ID 5)

Special colours on request:

Red, blue, white, black (ID5) and green (ID2)

#### Length in m on a cardboard ring:

0.3 - 2.0 mm 200 m rings/ cardboard spools

2.5 - 3.5 mm 100 m rings/ cardboard spools

4.0 - 9.0 mm 100 m rings

10.0 mm 50 m rings

14.0 - 30.0 mm on request

All dimensions can be delivered in adapted lengths.

Dimension	Unit of measure						
Inner diameter (ID)	mm	0.3	0.5	0.8+	1.0	1.5	2.0
Tolerance (ID)	mm	+0.10/-0.05	+0.15/-0.10	+0.15/-0.10	+0.20/-0.15	+0.20/-0.15	+0.20/-0.15

Dimension	Unit of measure						
Inner diameter (ID)	mm	2.5	3.0	4.0	5.0	6.0	8.0
Tolerance (ID)	mm	+0.20/-0.20	+0.20/-0.20	+0.20/-0.20	+0.20/-0.20	+0.25/-0.25	+0.25/-0.25

Dimension	Unit of measure						
Inner diameter (ID)	mm	10.0	12.0	16.0	20.0	25.0	30.0
Tolerance (ID)	mm	+0.25/-0.25	+0.25/-0.25	+0.50/-0.50	+0.50/-0.50	+0.50/-0.50	+0.50/-0.50

Wall thicknesses	Unit of measure						
Wall thickness (wt) nominal	mm	0.20	0.50	0.40	0.70	1.0	1.5
Tolerance (wt)	mm	-0.05/+0.15	0.05/0.15	-0.05/+0.15	-0.05/+0.15	-0.05/+0.15	-0.20/+0.20

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.

Updated 05/24



Wall thicknesses	Unit of measure	
Wall thickness (wt) nominal	mm	2.0
Tolerance (wt)	mm	-0.20/+0.20

Mechanical	Unit of measure	Values	Test method
Elongation at break	%	500 (min. 200)	DIN EN 60684
Tear force	MPa	11 (min. 5.5)	DIN EN 60684

Thermal	Unit of measure	Values
Thermal class	°C	180
Application range	°C	-60 up to 200 (special version up to 250)

Electrical	Unit of measure	Conditions	Values	Test method
Dielectric strength	kV		appr. 1 / 0.1 mm wall thickness	DIN EN 60684
Specific volume resistance	$\Omega \cdot \text{cm}$	room temperature	min. $10^{11}$	DIN EN 60684

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.

Updated 05/24





Chemical	Values
Resistance	weather, ozone, UV

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.  
Updated 05/24

