

---

## Textile Braided Sleeving H/GS

The H/GS sleeving is a textile braided sleeving with a polymer coating of silicone-elastomer.

---

### Attributes

H/GS is flexible, non-transparent and available in natural as standard colour (other colours on request). The textile braided sleeving ensures very good mechanical properties even at very high temperatures up to class H (180 °C) and short-term up to 230 °C.

---

### Application

The H/GS sleeving is generally used as mechanical protection for cables and enamelled copper wires if very high thermal resistance is required. It offers additional insulation in electrical machines and electrical engineering equipment in the low voltage range as well as in some electronic applications.

---

### Standards

Thermal class H (180 °C)

DIN EN 60684-3-401:2002

RoHS compliant according to 2011/65 EU

---

### Delivery forms

Standard: natural up to ID 20

Special colours available on request.

0.5 – 2.0 mm 200 m

2.0 – 3.5 mm 100 m spool

4.0 – 10.0 mm 100 m cardboard core

11.0 – 16.0 mm 50 m cardboard core

from 16.0 mm - 1 m sections

Further formats, colours, dimensions 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	+ 0.20	+ 0.20	+ 0.40	+ 0.40	+ 0.40
Wall thickness (wt) min.	mm	0.15	0.20	0.20	0.20	0.20	0.20
Wall thickness (wt) max.	mm	0.30	0.50	0.50	0.60	0.60	0.70

Dimension	Unit of measure						
Inner diameter (ID)	mm	2.5	3.0	4.0	5.0	6.0	8.0
Tolerance (ID)	mm	+ 0.40	+ 0.40	+ 0.50	+ 0.50	+ 0.50	+ 0.50
Wall thickness (wt) min.	mm	0.20	0.20	0.30	0.30	0.30	0.30
Wall thickness (wt) max.	mm	0.70	0.70	0.70	0.70	0.70	1.00

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 04/19



Dimension	Unit of measure			
Inner diameter (ID)	mm	10.0	12.0	16.0
Tolerance (ID)	mm	+ 1.00	+ 1.00	+ 2.00
Wall thickness (wt) min.	mm	0.40	0.40	0.40
Wall thickness (wt) max.	mm	1.00	1.20	1.20

Meter sections	Unit of measure						
Inner diameter (ID)	mm	16	18	20	22	24	26
Tolerance (ID)	mm	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0
Wall thickness (wt) nominal	mm	0.80	0.80	0.80	0.80	0.80	0.90
Tolerance (wt)	mm	± 0.40	± 0.40	± 0.40	± 0.40	± 0.40	± 0.50

Meter sections	Unit of measure		from 30
Inner diameter (ID)	mm	28	from 30
Tolerance (ID)	mm	± 1.0	± 1.2
Wall thickness (wt) nominal	mm	0.90	0.90

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 04/19



Meter sections	Unit of measure		from 30
Tolerance (wt)	mm	± 0.50	± 0.50

Thermal	Values
Thermal class	H (180 °C)
Application range	-45 °C up to 230 °C

Electrical	Unit of measure	Values	Test method
Insulation resistance	Ω	min. 10 <sup>5</sup>	DIN EN 60684
Dielectric strength	kV	min. 3.3	DIN EN 60684-sheet 401

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 04/19

