
H/GS SV2 UL textile braided sleeving, glass fibre fabric

The H/GS SV2 UL sleeving consists of a glass yarn sleeving with a polymer coating of modified silicone.

Attributes

H/GS SV2 UL is flexible, elastic and water-resistant. The glass fabric sleeving ensures very good mechanical properties even at very high temperatures up to class H (180 °C).

Application

The H/GS SV2 UL 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 as well as in some electronic applications.

Standards

Thermal class H (180 °C) - short-term up to 250 °C

UL: UZIQ2 E517788

Delivery forms

Standard colour: nature (up to ID 20)

Inner diameter Format example

≤ 3.0 mm	200 m loose windings
5.0-12.0 mm	100 m cardboard ring
> 3.0 mm	50 m cardboard ring

Further dimensions, colours and formats on request. All dimensions can be delivered in adapted lengths.

Mechanical	Unit of measure						
Inner diameter (ID)	mm	0.3	0.5	0.8	1.0	1.5	2.0
Tolerance (ID)	mm	0.10	+0.2	+0.2	+0.4	+0.4	+0.4
Wall thickness (wt) min.	mm	0.20	0.25	0.25	0.25	0.35	0.35
Wall thickness (wt) max.	mm	0.30	0.50	0.50	0.70	0.70	0.80

Mechanical	Unit of measure						
Inner diameter (ID)	mm	2.5	3.0	4.0	5.0	6.0	8.0
Tolerance (ID)	mm	+0.4	+0.4	+0.5	+0.5	+0.5	+0.5
Wall thickness (wt) min.	mm	0.40	0.40	0.50	0.50	0.5	0.50
Wall thickness (wt) max.	mm	0.80	0.80	0.80	0.80	0.80	1.00

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Mechanical	Unit of measure				
Inner diameter (ID)	mm	10.0	12.0	16.0	20.0
Tolerance (ID)	mm	+1.0	+1.0	+2.0	+2.0
Wall thickness (wt) min.	mm	0.60	0.65	0.65	0.65
Wall thickness (wt) max.	mm	1.00	1.20	1.20	1.20

Electrical	Unit of measure	Values
Dielectric strength	kV	4