SynFlex Elektro GmbH
Auf den Kreuzen 24
D-32825 Blomberg Germany
Telefon +49-5235-968-0
E-Mail info@synflex.de

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, elasctic 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 16)

Inner diameter	Format example
≤ 3.0 mm	200 m loose windings
5.0-12.0 mm	100 m cardboard ring
> 13.0 mm	50 m cardboard ring

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

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

SynFlex Elektro GmbH
Auf den Kreuzen 24
D-32825 Blomberg Germany
Telefon +49-5235-968-0
E-Mail info@synflex.de

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

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

SynFlex Elektro GmbH
Auf den Kreuzen 24
D-32825 Blomberg Germany
Telefon +49-5235-968-0
E-Mail info@synflex.de

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

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