
SynSleeve H/GS Ultimate Flex

The protective sleeving H/GS Ultimate Flex is a combination of textile glass fibre base sleeving with special braided construction and a high-quality silicone coating. The special braided construction ensures a high radial elongation capacity of up to 100% without splitting the ends for special requirements in cable assembly. The resistance to high temperatures and aggressive media is very good.

Attributes

- Long-term temperature resistance from -40°C to +210°C
- Short-term temperature resistance up to +235°C
- Dielectric strength >4 kV (decrease when stretched)
- Particularly smooth and even silicone coating
- Easy to assemble
- Extensibility up to 100%
- Very good compressibility and flexibility
- Physiologically harmless

Application

- Automotive industry
- Cable assembly
- Engineering industry
- Machinery and plant engineering

Standards

- RoHS, GADSL conform
- Asbestos-free
- Textile glass fibres non-carcinogenic
- Non-hazardous to the environment
- Non-hazardous to water

Mechanical	Unit of measure	Condition	Values				
Inner diameter (ID)	mm		12.0	14.0	16.0	18.0	20.0
Tolerance (ID)	mm		±0.50	±0.70	±0.70	±0.70	±0.70
Wall thickness (wt) nominal	mm		1.70	1.70	1.70	1.70	1.70
Tolerance (wt)	mm		+0.30	+0.30	+0.30	+0.30	+0.30
Extensibility	%	Conic mandrel/producer self-test	100	100	100	100	100

Electrical	Unit of measure	Conditions	Values	Test method
Dielectric strength	kV	Room temperature	>4	DIN EN 60684

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