

# Vidaflex 300 Series

Continuous knitted 'E' glass sleeving coated with silicone elastomer Class H (180°C)

## Features and benefits

Vidaflex S300 series of high temperature insulation sleeveings are manufactured by coating knitted "E" glass yarn with a solvent less silicone elastomer. Hence the process has no significant environmental hazard.

The minimum size of the glass yarn filaments is greater than 9 microns and offers no hazard from inhalation. All Vidaflex S300 grades will retain flexibility within the temperature range -60°C to +250°C, and will operate continuously at 180°C and have a short term rating of 250°C.

Grades are available with electric strengths of 1.0 - 10.0kV and types Vidaflex S360 and S367 have guaranteed minimum sleeving wall thicknesses of 1.0mm and 0.7mm respectively to meet Approval Authority requirements. Vidaflex S300 series insulating sleeveings are classed as self-extinguishing.

Vidaflex S350 has U.L and CSA recognition and Vidaflex SD350 has UV resistance.

## Applications

Vidaflex S300 series of insulation sleeveings can be used in all types of high temperature rated electrical equipment and appliances as primary insulation or as secondary reinforcing and protection for conductors in high heat zones and in areas of likely me-chemical damage.

Vidaflex S300 series are widely used as cable protection sleeveings in vehicle wiring harnesses.



Format—Continuous/Cut Lengths Standard Reel Lengths

1.0 - 3.5mm	250 Metres
4.0 - 8.0mm	100 Metres
9.0—25.0mm	50 Metres

## Colour Codes

Black - 0	Yellow - 4	Grey - 8
Brown - 1	Green - 5	White - 9
Red - 2	Blue - 6	Clear - X
Orange - 3	Violet - 7	Green / Yellow - 45



Product Description	S300	SD350	S375	S360	S367
Thermal Classification	Class H 180°C	Class H 180°C	Class H 180°C	Class H 180°C	Class H 180°C
Maximum Short Temperature	250°C	250°C	250°C	250°C	250°C
Bore Sizes	1.0-25.0mm	1.0-25.0mm	4.0-20.0mm	1.0-25.0mm	2.0-22.0mm
Bore Sizes 1.0-10.0mm	0.6mm	0.8mm	1.0mm	Minimum	Minimum
12.0-20.0mm	0.8mm	1.0mm	1.3mm	1.0mm	0.7mm
25.0mm	1.4mm	1.4mm	1.5mm		
Tested to IED 648 - 2	2.0kV/1 min	4.0kV/1 min	10kV/1 min	6.0kV/1 min	4.0kV/1 min
ASTM D350	2500V	7000V	7000V	7000V	7000V

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