

# SILGLAS<sup>®</sup> FG 2791

## Composition

SILGLAS<sup>®</sup> FG 2791 consists of alkali free glass cloth, which is impregnated with a special silicon rubber. SILGLAS<sup>®</sup> FG 2791 has parallel warp threads to the edges.

## Properties

SILGLAS<sup>®</sup> FG 2791 are fully cured highly flexible tapes, which keeps there properties over a large temperature range of -55 °C to +180 °C. (For short time up to +250 °C)

## Application

SILGLAS<sup>®</sup> FG 2791 can be used as insulation of electrical machines and transformers which are subjected to a high thermal stress or a continuous alternating strain. Particularly suitable for endwindings and other curved parts.

## Formats

Rolls: max. untrimmed width 42.5 inches  
Tapes: from 0.4 inches width upwards

## Storability

SILGLAS<sup>®</sup> FG 2791 can be stored unlimited under normal conditions. (RT; 50 % r. h.)

## Technical Data

Properties	Test method	Unit	Value
Composite thickness	ASTM D 374	inches	0.006
Product yield	ASTM D 202	Lbs. / Squ. Yd.	0.41 ± 0.04
Glass cloth		Lbs. / Squ. Yd.	0.20 ± 0.01
Silicon rubber		Lbs. / Squ. Yd.	0.21 ± 0.03
Dielectric strength	ASTM D 149	kV	≥ 4

All information given here is based on currently available facts and on the results of experiments performed with all due care in our laboratories. It does not in any way reduce the responsibility of the user for carrying out further tests in order to ensure successful processing and use in specific applications.