

## **DEGLAS® FG 0932, DNL 2019**

### Composition:

DEGLAS® FG 0932 (DNL 2019) consists of electrical grade glass cloth which is impregnated with polyurethane varnish that shows good thermal properties.

### Properties:

DEGLAS® FG 0932 (DNL 2019) are highly flexible tapes with outstanding taping properties especially when complicated formed conductors have to be insulated.

DEGLAS® FG 0932 is supplied with warp threads parallel to the edges and has high tensile strength.

DEGLAS® DNL 2019 is supplied bias cut at an angle of approximately 20 degree to the edge, tends to be flexible and therefore particularly suitable for the taping of tight bends.

### Application:

Insulation of electrical machines which are subjected to a high thermal stress or a continuous alternating strain.

Particularly suitable for endwindings and other curved parts.

### Availability

Rolls: max. 1000 mm wide

Tapes: from 10 mm width upwards

Standard length: 50 or 100 m

Other widths and dimensions on request.

### Storability:

DEGLAS® FG 0932 and DNL 2019 can be stored unlimited under normal conditions (20° C, 50% r. H.).

## Technical Data

DEGLAS®			FG 0932		DNL 2019
Properties	Test method	Unit	Value	Value	Value
Nominal thickness		mm	0.10	0.12	0.15
Tolerance	IEC 394	mm	± 0.01	± 0.01	± 0.015
Total substance		g/m <sup>2</sup>	135 ± 15	165 ± 20	235 ± 25
Tensile strength	IEC 394	N/10mm	≥ 150	≥ 100	≥ 60
Elongation at break	IEC 394	%	ca. 2	ca. 1.5	≥ 18
Breakdown voltage	IEC 394	kV	≥ 5	≥ 5	≥ 5
Thermal classification	IEC 216	°C	155 (F)	155 (F)	155 (F)