

## 絶縁クロス・テープ Insulating Varnished Cloth and Tape

### 仕様 Specifications

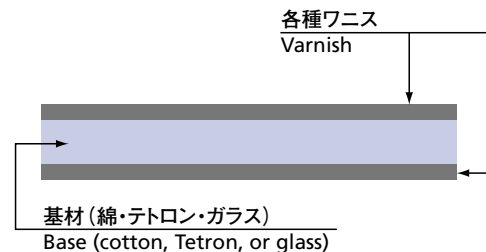
|                                      |  |
|--------------------------------------|--|
| 絶縁クロス類<br>Insulating varnished cloth | #1021 (油性ワニス綿クロス)<br>#1021: Oil varnished cotton cloth<br>#1071 (油性ワニステトロンクロス)<br>#1071: Oil varnished Tetron cloth<br>#3091 (アルキッドワニスガラスクロス)<br>#3091: Alkyd varnished glass cloth<br>#5091 (エポキシワニスガラスクロス)<br>#5091: Epoxy varnished glass cloth<br>#6090 (シリコンワニスガラスクロス)<br>#6090: Silicon varnished glass cloth<br>#6095 (シリコンゴムガラスクロス)<br>#6095: Silicon rubber glass cloth |
|--------------------------------------|--|

#### 1 構造・材質

##### Structure and material

各種基材に、処定のワニスを塗布乾燥させたものです。  
全て、非粘着であり基材のバイアス加工も可能です。  
原反幅からの各テーブルサイズへのスリット加工も可能です。

FIBREX® is constructed from a base on which the varnish is coated and dried. All materials are of the non-adhesive type and, therefore, bases can be biased-treated. Also, it is possible to slit and cut the original material into necessary table sizes.



#### 2 品質・用途等

##### Quality and applications

電気絶縁や機械的強度を必要とする箇所へのご使用に適しており、主に、回転機や変圧器の層間絶縁として、最も使用されています。

FIBREX® is suitable for places that require electrical insulation or mechanical strength. The most popular application is as a between-layer insulator for rotary machines and transformers.

社内規格表 Internal standard

| 項目/品名<br>Item / product code        |  | #1021       | #1071                | #3091                | #5091                | #6090                | #6095                |
|-------------------------------------|--|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 寸法<br>Dimensions                    | 厚さ (mm)<br>Thickness                     | 0.18        | 0.08<br>0.10<br>0.13 | 0.13<br>0.18<br>0.25 | 0.13<br>0.18<br>0.25 | 0.13<br>0.18<br>0.25 | 0.13<br>0.18<br>0.25 |
|                                     | 長さ (m)<br>Length                         | 50          | 45                   | 30                   | 30                   | 30                   | 30                   |
|                                     | 幅 (mm)<br>Width                          | 900         | 900                  | 980                  | 980                  | 980                  | 980                  |
| BVD (KV)                            | 0.08 $\bar{X}$<br>min                    | —           | 4.5<br>3.0           | —                    | —                    | —                    | —                    |
|                                     | 0.10 $\bar{X}$<br>min                    | —           | 5.5<br>3.5           | —                    | —                    | —                    | —                    |
|                                     | 0.13 $\bar{X}$<br>min                    | —           | 6.5<br>5.0           | 6.0<br>4.5           | 6.0<br>4.5           | 6.0<br>4.5           | 3.0<br>2.0           |
|                                     | 0.18 $\bar{X}$<br>min                    | 7.5<br>6.0  | —                    | 8.0<br>6.5           | 8.0<br>6.5           | 8.0<br>6.5           | 4.0<br>3.0           |
|                                     | 0.25 $\bar{X}$<br>min                    | —           | —                    | 10.0<br>8.0          | 10.0<br>8.0          | 10.0<br>8.0          | 5.5<br>5.0           |
| 引張り荷重<br>(kgf/15mm)<br>Tensile load | 0.08 タテ<br>Lengthwise<br>ヨコ<br>Crosswise | —           | 5.0<br>4.0           | —                    | —                    | —                    | —                    |
|                                     | 0.10 タテ<br>Lengthwise<br>ヨコ<br>Crosswise | —           | 6.0<br>4.5           | —                    | —                    | —                    | —                    |
|                                     | 0.13 タテ<br>Lengthwise<br>ヨコ<br>Crosswise | —           | 7.0<br>6.0           | 15.0<br>9.0          | 15.0<br>9.0          | 10.0<br>7.0          | 8.0<br>6.0           |
|                                     | 0.18 タテ<br>Lengthwise<br>ヨコ<br>Crosswise | 10.0<br>7.0 | —                    | 17.0<br>12.0         | 17.0<br>12.0         | 15.0<br>10.0         | 10.0<br>8.0          |
|                                     | 0.25 タテ<br>Lengthwise<br>ヨコ<br>Crosswise | —           | —                    | 20.0<br>15.0         | 20.0<br>15.0         | 20.0<br>15.0         | 12.0<br>10.0         |