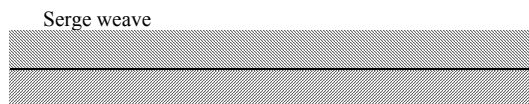




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| | | |
|-------------------------------|---|------------------------|
| DATE: Feb.5 th '96 | TERYL® WEAVED TAPES: LINEN AND SERGE POLYESTER AND MIXED GLASS/POLYESTER | Cod. NT.... |
| Adj. Jul.22 th '99 | | Tech.data 40.3XI sheet |
| Page: 1 / 1 | | Group I |



| Type | | T 155 | T 17 | T 139 | T 16 | T 19 | TS18/A.S. | T 14 |
|--------------------------|----|--------------|-------------|--------------|-------------|-------------|------------------|-------------|
| Ref. | | NT155xx | NT17xx | NT139xx | NT16xx | NT19xx | NT18xx | NT14xx |
| Thickness: | mm | 0,30 | 0,13 | 0,16 | 0,20 | 0,25 | 0,14 | 0,40 |
| Shrinkage long.direction | | Low | Medium | High | Low | High | Medium | Very high |

| | | | | | | | |
|--------------|--|----------------------|------------------------------------|-----------------------|--|---|---|
| NOTES | Textured yarn with good resin absorption | Thin tape for taping | Same yarn as T19 but linen weaving | Thicker tape than T17 | Tape with high shrink. for fretting with compression | Thin tape, glass weft with an Amino Silane Finish on the yarn | Same as T19 with an higher shrink. rate |
|--------------|--|----------------------|------------------------------------|-----------------------|--|---|---|

| | | | | | | | |
|-----------------------------|-------------------------------|-------|----------------|----------------|-----------------------------|--------------------------------|--------------|
| TYPICAL APPLICATIONS | General purpose, one way tape | Coils | DC motor coils | Large windings | Transformers and Generators | Traction motors and Generators | Transformers |
|-----------------------------|-------------------------------|-------|----------------|----------------|-----------------------------|--------------------------------|--------------|

TECHNICAL DATA

| | | | | | | | | |
|--|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Breaking strain: | Kg./cm-Width. | 10 | 14 | 35 | 50 | 60 | 18 | 120 |
| Breaking elongation | % | 15 | 20 | 20 | 10 | 10 | 16 | 14 |
| Threads used | Warp | P | P | P | P | P | P | P |
| | Weft | P | P | P | P | P | Glass | P |
| Weight/m. | Gr./cm. | 1,38 | 0,85 | 1,00 | 1,50 | 1,50 | 1,10 | 2,90 |
| Shrinkage: on 1'000mm After 1h at 150°C. | | | | | | | | |
| Charges in daN/cm: 0 | mm | 100 | 100 | 100 | 45 | 100 | 70 | 115 |
| 0,3 | mm | 35 | 35 | 60 | 35 | 70 | 0 | 90 |
| 3,0 | mm | -90 | -90 | -5 | -10 | 0 | -7 | 35 |
| Texture : | | Linen | Linen | Linen | Linen | Serge | Linen | Serge |
| Melting Temp. | Polyester 260°C - Glass 750°C. | | | | | | | |
| Working Temp. | Polyester 130°C - Glass 500°C. | | | | | | | |

P= Polyester

PACKING AND BOXES

Inside. Diam.: 40 mm Rolls Length: Mt. 50

| | | | | | | | | |
|-----------------|-------|-------|-------|-------|-----|-----|-----|-----|
| Width mm.: | 8 | 10 | 12 | 15 | 20 | 25 | 30 | 40 |
| Meters per box. | 1.750 | 1.500 | 1.250 | 1.000 | 750 | 600 | 500 | 400 |

This information is intended only for general guidance in the application of our products. It has been obtained by careful investigation and represents the present state of our knowledge and experience. Because of the large number of possible methods of applications and processing we are not able to assume responsibility in any one particular case for either the technical results or the patent rights situation applicable to the country under consideration.