

# Product - Data-Sheet

| ESBAND Type   |  | HT 4017 + SI                 |   | data-sheet no.         |
|---|--|------------------------------|---|------------------------|
|   |  | 1st side                     | 2nd side  | 41172                  |
| Carcass   |  | aramide special carcass      |   |                        |
| Coating   |  | Hytrel®<br>ground            | silicone<br>ground  |                        |
| Hardness  |  | 40 ± 5 Shore D               | 30 ± 7 Shore A  |                        |
| Resistance to abrasion  |  | high                         | very low  |                        |
| Food approved   |  | no                           | FDA   |                        |
| Coefficient of friction to<br>steel<br>paper  |  | 0,5 ± 0,1 μ<br>0,5 ± 0,1 μ   | 0,4 ± 0,1 μ<br>0,6 ± 0,1 μ                                |                        |
| Resistance to temperature   |  | -10 up to + 100 °C           |   |                        |
| Antistatic  |  | possible                     |   |                        |
| Breaking resistance per cm width<br>endless*  |  | 2700 N                       |   |                        |
| Elongation at 10 mm<br>width endless*   |  | 300 N<br>600 N<br>1000 N     | 0,2 up to 0,4 %<br>0,5 up to 0,7 %<br>0,9 up to 1,2 %     |                        |
| Strength required for 1% elongation*  |  | 1000 ± 50 N                  |   |                        |
| Minimum pulley diameter*  |  | 25 mm                        |   |                        |
| Available sizes<br>standard   |  | length<br>width<br>thickness | 540 up to 4000 mm<br>5,0 up to 600 mm<br>1,5 up to 6,0 mm |                        |
| Tolerances  |  | length<br>width<br>thickness | ± 1,0 % (min. +/- 2,5 mm)<br>± 0,5 mm<br>± 0,1 mm         |                        |
| *at smallest thickness  |  |                              |   |                        |
| All data in this data-sheet correspond to the latest state of the art<br>Modifications are possible without prior notice. The values stated are for information only;<br>they do not guarantee a specific property. |  |                              |   | Edition:<br>25.06.2004 |