

## Esband PU 12 (both side coated) Specifications

|  | Side 1   | Side 2                                   |
|--|--|--|
| <b>Carcass</b>   | Polyester Special Carcass  |  |
| <b>Coating</b>   | Polyurethane ground  | Polyurethane ground                      |
| <b>Hardness</b>  | 55 ± 7 Shore A   | 55 ± 7 Shore A                           |
| <b>Abrasion resistance</b>   | High   | High                                     |
| <b>Food contact approval</b>   | No   | No                                       |
| <b>Coefficient of Friction</b>   | Steel: 0.4 ± 0.1 μ<br>Paper: 0.8 ± 0.1 μ   | Steel: 0.4 ± 0.1 μ<br>Paper: 0.8 ± 0.1 μ |
| <b>Temperature range</b>   | -10 up to + 60 °C  |  |
| <b>Anti-static</b>   | Possible   |  |
| <b>Break strength per cm of width - shaft load*</b>                    | 3400 N   |  |
| <b>Elongation per cm of width - shaft load*</b>                        | 100 N: 0.3 up to 0.5 %<br>300 N: 0.9 up to 1.2 %<br>600 N: 2.0 up to 2.8 %           |  |
| <b>Elasticity - shaft load force per cm of width at 1% elongation*</b> | 290±30 N   |  |
| <b>Minimum pulley diameter*</b>  | 25mm   |  |
| <b>Available standard sizes</b>  | Length: 200 up to 4800 mm<br>Width: 3.0 up to 800 mm<br>Thickness: 2.0 up to 10.0 mm |  |
| <b>Tolerances</b>  | Length: ± 0.5 % (min. +/- 2.5 mm)<br>Width: ± 0.5 mm<br>Thickness: ± 0.1 mm          |  |

\* at minimum belt thickness