

# AmSqueeze 514 SM-A18 2808x260x13.4mm

Article code: EWMS000027

## General information

|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| <b>Product group</b>        | endless woven                                                        |
| <b>Industry segment</b>     | Food: Meat & poultry                                                 |
| <b>Main product feature</b> | Foodgrade, Abrasion resistant, Oil & grease resistant, Cut resistant |
| <b>Application</b>          | Soft Separator                                                       |
| <b>Indication of use</b>    | Special fine structured surface, Abrasive applications               |

## Belt construction

|                        |                 |                                  |
|------------------------|-----------------|----------------------------------|
| <b>Tension layer</b>   |                 | polyester                        |
| <b>Number of plies</b> |                 | 1                                |
| <b>Top side</b>        | <b>material</b> | Ropanyl, TPU                     |
|                        | <b>finish</b>   | profile, A18 Fine square profile |
|                        | <b>color</b>    | white                            |
| <b>Bottom side</b>     | <b>material</b> | Ropanyl, TPU                     |
|                        | <b>finish</b>   | profile, smooth                  |
|                        | <b>color</b>    | white                            |

## Characteristics

|                             |     |                               |
|-----------------------------|-----|-------------------------------|
| <b>Food Grade (FG)</b>      | yes | EC 1935/2004, EU 10-2011; FDA |
| <b>Antistatic (AS)</b>      | no  |                               |
| <b>Flame-retardant (FR)</b> | no  |                               |

## Technical data

|                                |            |              |                        |           |                     |
|--------------------------------|------------|--------------|------------------------|-----------|---------------------|
| <b>Hardness</b>                | ISO 868    | top side     | 85A Shore              |           |                     |
|                                |            | bottom side  | 85A Shore              |           |                     |
| <b>Force at 1% elongation</b>  | ISO 21181  |              | 28 N/mm                | 159.88    | lbs/in.             |
| <b>Thickness</b>               |            | total        | 13.4 mm                | 0.53      | in.                 |
|                                |            | top cover    | 5.4 mm                 | 0.21      | in.                 |
|                                |            | bottom cover | 5.4 mm                 | 0.21      | in.                 |
| <b>Weight</b>                  |            |              | 21.8 kg/m <sup>2</sup> | 4.46      | lbs/ft <sup>2</sup> |
| <b>Length</b>                  |            | from / to    | 2808 mm                |           | in.                 |
| <b>Width</b>                   |            | from / to    | 260 mm                 |           | in.                 |
| <b>Operating temperature</b>   | continuous | from / to    | -20 / 90 °C            | -4 / 194  | °F                  |
|                                | short      | from / to    | -30 / 110 °C           | -22 / 230 | °F                  |
| <b>Minimum pulley diameter</b> |            |              | 134 mm                 | 5.28      | in.                 |

## Tolerances

|                  |       |           |            |               |     |
|------------------|-------|-----------|------------|---------------|-----|
| <b>Length</b>    | ± 1 % | minimum ± | 20 mm      | 0.79          | in. |
| <b>Width</b>     |       | from / to | -1 / +1 mm | -0.04 / +0.04 | in. |
| <b>Thickness</b> |       | ±         | 0.2 mm     | 0.01          | in. |

## Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.