

# MSB279 AmSqueeze 514 A93-A93

## 1330x205x13.4mm

Article code: EWMS000375

### 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, A93-Rhombus |
|                        | <b>color</b>    | white                |
| <b>Bottom side</b>     | <b>material</b> | Ropanyl, TPU         |
|                        | <b>finish</b>   | profile, A93-Rhombus |
|                        | <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    | 1330 mm                | in.                      |
| <b>Width</b>                   |            | from / to    | 205 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 | -0 / +2 mm | -0 / +0.08 in. |
| <b>Thickness</b> |       | ±         | 0.2 mm     | 0.01 in.       |

## Side view



| Belt type                           | AmSqueeze 300 series | AmSqueeze 500 series | AmSqueeze 700 series |
|-------------------------------------|----------------------|----------------------|----------------------|
|                                     |                      |                      |                      |
| Example article description         | AS 314 A93-A93       | AS 514 A93-A93       | AS 714 A93-A93       |
| Top cover material                  | TPU 3 mm Ropanyl FG  | TPU 3 mm Ropanyl FG  | TPU 3 mm Ropanyl FG  |
| Top cover color                     | Ivory                | White                | Transparent          |
| Top cover hardness                  | 76° Shore A          | 85° Shore A          | 93° Shore A          |
| Standard finish covers              | A93 Rhombus profile  | A93 Rhombus profile  | A93 Rhombus profile  |
| Standard belt thickness             | 13.4                 | 13,4                 | 13.4                 |
| Other available belt thickness [mm] | 15,16,17,18,19,20    | 15,16,17,18          | 15,16,17,18          |
| Grip                                | +++++                | ++++                 | +++                  |
| Wear resistance                     | +++                  | ++++                 | +++++                |
| Yield                               | +++++                | ++++                 | +++                  |
| Food Grade                          | EC/FDA               | EC/FDA               | EC/FDA               |

Consult our application engineers and product information for other options.  
Tolerance on length  $\pm 1\%$  Width  $-0/+2$  mm.  
Closed edges skived.

## 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.