



**Type: P32-11**

**Belt Applications**

Potato processing , Brick and insolation , Building Materials : glass , Building Materials : gypsum , insolation , Building Materials : wood

**Fabric**

Number of plies	: <b>3</b>
Top Fabric	: <b>Polyester monofilament, with lateral stability</b>
Inner Fabric	: <b>Polyester monofilament, with lateral stability</b>
Bottom Fabric	: <b>Polyester monofilament, with lateral stability</b>

**Basic technical data**

Total thickness	: <b>4.6 mm</b>
Weight	: <b>5.0 Kg/m<sup>2</sup></b>
Production width	: <b>3000 mm</b>

**Belt structure**

Top Cover	
- Thickness	: <b>0.7 mm</b>
- Material	: <b>PVC</b>
- Hardness	: <b>80 Shore A</b>
- Color	: <b>Green</b>
- Surface	: <b>Smooth</b>
Bottom Cover	
- Thickness	: <b>0.8 mm</b>
- Material	: <b>PVC</b>
- Hardness	: <b>85 Shore A</b>
- Color	: <b>Green</b>
- Surface	: <b>Diamond</b>

**Belt strength**

Breaking strength	: <b>270 N/mm</b>
Tension for 1% elongation	: <b>18N/mm</b>
Max. admissible belt tension which is equal to	: <b>27 N/mm</b> : <b>2.3 %</b>

**Support**

Roller	<b>Yes</b>
Slider bed	<b>Yes</b>
Troughed	<b>No</b>

**Suggested joining methods**

Joining method	<b>Three-layer Finger joint</b>
Pressing Temperature	
Top	<b>187±5° C</b>
Thermo-coupling	<b>183±5° C</b>
Bottom	<b>188±5° C</b>
Pressure	<b>2.0±0.2 bar</b>

**Minimum roll diameter**

Normal flexing	: <b>100 mm</b>
Counter flexing	: <b>140 mm</b>

**Chemical resistance and other characteristics**

\* Temperature range of -15° C to +80° C.