

## Product Data Sheet

# UTILITY 3-240 GRADE II 1/32LIxBB-NA

### Applications

General material handling	Horizontal conveying (metering)
Wood industry	

### Order information

Article number	908876
Suitable for corrugated side walls	No
Belt style	Utility = General Purpose Plied Rubber
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	No

### Construction

Top face material	General Purpose Plied Rubber, Grade II
Surface pattern	Semi smooth
Coating thickness	0.79 mm / 0.031 in
Color	Black
Driving face material	Resorcinol formaldehyde latex impregnation
Surface pattern	Fabric
Color	Black
Tension member material	Fabric of polyester filament warp and weft
Weave pattern	3

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#### Technical data

<b>Total thickness</b>	3.56 mm $\pm$ 0.38 0.14 in $\pm$ 0.015
<b>Weight</b>	4.42 kg/m <sup>2</sup> $\pm$ 0.44 0.905 lbs/ft <sup>2</sup> $\pm$ 0.091
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	19 N/mm / 108.49 lbf/in
<b>Recommended Elongation at fitting min.</b>	0.3 %
<b>Rated working tension</b>	42 N/mm / 240 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.2
<b>Permissible operating temperature</b>	-29/107 °C -20/225 °F

#### Properties

<b>Lateral stiffness</b>	Exceptionally laterally stiff
<b>Troughable</b>	No
<b>Suitable for accumulation</b>	No
<b>Inclined conveying</b>	No
<b>Suitable for knife edges</b>	No
<b>Suitable for curves</b>	No
<b>Flame-retardant</b>	No
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	► Good grip ► Coating/fabric abrasion resistant
<b>Coating/fabric exceptionally cut resistant</b>	Yes
<b>Belt support</b>	Slider bed (support rollers possible)
<b>UV resistance</b>	Improved

#### Electrostatic properties

<b>Not antistatic</b>	Belt material with electrically insulating properties
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#### Fabrication

<b>Suitable for corrugated side walls</b>	No
<b>Profiles on top face</b>	No
<b>Profiles on underside</b>	Yes
<b>Mechanical fasteners</b>	On request

#### Minimum drum diameter

<b>Mechanical fastener, bending</b>	203 mm / 8 in
<b>Wedge overlap splice, counter-bending</b>	164 mm / 6.5 in
<b>Wedge overlap splice, bending</b>	164 mm / 6.5 in

#### Remarks

<b>Chemical resistance</b>	Low
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The physical data in this data sheet is approximate, can alter depending on production environments and was established at standard ambient conditions (23°C/73°F, 50% relative humidity) in accordance with DIN 50014/ISO 554. Fluctuations in climate can cause variations.

Date of last change: 5/25/2021 9:14:57 AM