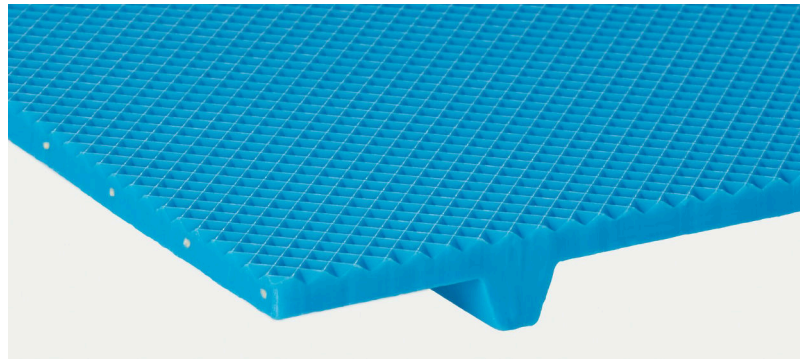


Product Data Sheet

PD2+ U30 NP-NA-HACCP BL FDA



Art. No.: 640011

M 1:2

Applications

| | |
|--|--|
| Agriculture | Harvesting machines; Processing of fruits and vegetables (also oily and fatty); Processing of fruits and vegetables (not oily and fatty) |
| Bakery industry | Dough conveying |
| Fish industry & meat industry | Meat processing; Poultry conveying; Seafood processing |
| Food industry | Conveyor with scrapers; Feeder belt / transfer belt; Pasta conveying; Petfood manufacturing; Processing of dairy products; Processing of food (also oily and fatty) |
| General material handling | Belt with corrugated sidewalls; Horizontal conveying; Inclined conveying of unit goods / containers; Inclined conveying of unit goods / containers in wet sectors; Swan-neck conveyors |

PD2+ U30 NP-NA-HACCP BL FDA

Order information

| | |
|---|--------------------|
| Article number | 640011 |
| Suitable for corrugated side walls | Yes |
| Standard delivery width | 1500 mm / 59.06 in |
| Maximal delivery width (without longitudinal seam) on request | 1800 mm / 70.87 in |
| Longitudinal seam possible | No |

Construction

| | |
|---------------------------|--------------------------------|
| Material | Polyurethane |
| Surface top face | Inverted pyramid |
| Surface driving face | Positive Drive (PD) |
| Color | Sky blue (~RAL 5015) |
| Pitch | 49.9 mm (1.96 in) |
| Profile shape | PD2; Profile height 5 mm |
| Tension member material | Aramid cords |
| Remarks to tension member | cord spacing 12.5 mm (0.49 in) |

Technical data

| | |
|--|---|
| Thickness | 3.4 mm ± 0.15 0.134 in ± 0.006 |
| Weight | 4.1 kg/m ² 0.84 lbs/ft ² |
| k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005 | 9 N/mm / 51.39 lbf/in |
| C3-Value [N/mm] | 9 N/mm / 51.4 lbf/in |
| Friction coefficient of top face against steel panel according ISO 21182 | 0.35 |
| Permissible operating temperature | -10/70 °C 14/158 °F |
| Hardness of top face coating as per DIN 53505 (Shore A) | 92 |

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Properties

| | |
|---|-------------------------------|
| Lateral stiffness | Laterally stiff |
| Troughable | No |
| Suitable for accumulation | No |
| Inclined conveying | No |
| Suitable for knife edges | No |
| Suitable for curves | No |
| Flame-retardant | No |
| Noise development | Normal |
| Improved resistance against hot water cleaning | Yes |
| Belt support | UHMW continuous support rails |
| Increased hygienical requirements | Yes |

Food properties

| | |
|--|---|
| (EU) 10/2011 and (EC) 1935/2004 | Suitable for the transport of unpacked Food in compliance with food safety regulation (EU) 10/2011 and regulation (EC) 1935/2004 |
| FDA 21CFR | Suitable for the transport of unpacked Food in compliance with FDA regulation 21CFR |
| MHLW 370 V2020 | Compliant to the regulation MHLW 370 (Ministry of Health and Welfare Notification No. 70 Version 2020) for the transport of unpackaged foodstuffs. |
| Halal | Certificated Halal product. Meets trade description order 2011 and CODEX Alimentarius 1997 guidelines under supervision of Islamic Food Research Centre Hong Kong & Asia Region |
| Kosher | Kosher |
| HACCP | Special design that supports the HACCP concept; resistant to hot water; ideal for frequent cleaning cycles. |

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Electrostatic properties

| | |
|----------------|---|
| Not antistatic | Belt material with electrically insulating properties |
|----------------|---|

Fabrication

| | |
|------------------------------------|-----|
| Suitable for corrugated side walls | Yes |
| Profiles on top face | Yes |
| Profiles on underside | No |

Minimum drum diameter

| | |
|-----------------------------|----------------|
| Butt joint, counter-bending | 40 mm / 1.6 in |
| Butt joint, bending | 95 mm / 3.7 in |

Remarks

- > Very good resistance to oil and grease.
- > Restant to all solids, dirt, water, oils, salt, cleaning agents such as soaps or sulfonates, ethyl or buthyl acetate, white spirits, ethyl alcohol, benzine. Brief contact with acetone, MEK, toluol and similar ketones possible. Not resistant to strong acids and chlorinated solvents.
- > Widths available only in multiples of 12,5 mm (0,49 ") rounded off to the nearest mm.
- > PD2"+ = Positive Drive 2" Pro (formfit driven with sprockets, reinforced); 49,9 mm pitch;

| | |
|---------------------|---|
| Chemical resistance | U |
|---------------------|---|

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. See our brochure "Technical Information 1" no. 317 which shows the types of belts that can be supplied and the manufacturing tolerances. Customised types require written confirmation.

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