

**POLYSUR TYPE 278 NBR  
HOT OIL ELEVATOR BELT**

POLYSUR type 278 NBR HOT OIL elevator belts offer a special resistance to the combination of fats and oils and higher processing temperatures up to 120° C in humid working environments.

This nitrile belt quality features specially treated plies and extremely high cover-to-ply adhesion, offering increased resistance to ply separation due to fat and humidity attack at higher operating temperatures.

This belt quality is specially aimed at solving high temperature problems in processing of soya-beans, cattle feed, rapeseed, fat-processing and in destruction plants. It is flame retardant and anti-static.

**Product norm:** DIN 22102 ETGK

- E - anti-static DIN 22104
- T - heat resistant to 120°C with fatty products in humid operating conditions
- G - covers and textile plies resistant to mineral, animal and vegetable oils and fats, low concentrations of acids, lyes and water resistant
- K - flame retardant DIN 22103 K

Elongation at max. rec. working load: 1,5-2,0%  
 Elongation at break: approx. 20-22%  
 Tolerance on length: + 1,0/-0,5%  
 Tolerance on width: +/- 5 mm  
 Bolt holes available: 7-8-10-11-12 -14 mm.

**Construction:** PP 800/4  
**Covers** 2.0+2.0 mm

Tensile strength 800 N/mm  
 Recommended max. load 50 N/mm  
 Thickness 7,0 mm  
 Weight 10,6 kg/m<sup>2</sup>  
 Minimum pulley diameter 400 mm  
 endless with clamp fasteners  
 Oil and fat resistance excellent  
 DIN 22102 G  
 Temperature resistance °C  
 - dry, low fat 120°  
 - fat and/or moist product 120°  
 Available clamp fasteners Maxi CI  
 Maxi AB

**Available ex stock:**

PP 800/4 2.0 + 2.0 mm

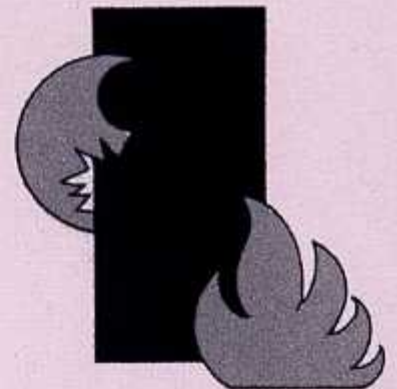
**Available standard belt widths:**

200-250-300-400-450-550 mm.

Other widths on request.

**Fields of application:**

grain processing,soya bean processing and toaster applications, rapeseed, bone meal, sunflour seeds, derivates, foundry sand, bitumous products, etc.



**Polysur elevator belting is manufactured according to ISO 9002**

POLYSUR elevator belts are suitable for use with any type of metal or synthetic elevator bucket. A full range of buckets is available in our programme. We can make recommendations for specific applications.

Subject to alterations without prior advice.

E-P-REV1-0103