

Product Data Sheet

Type: 2HESA 4M-1 PE

Belt Applications

General conveying belt , transport of tobacco, dough.

Fabric

Number of plies : 2
Top Fabric : Polyester spun, antistatic
Bottom Fabric : Polyester spun, antistatic

Basic technical data

Total thickness : 2.5 mm
Weight : 2.6 Kg/m²
Production width : 3000 mm

Belt strength

Breaking strength : 240 N/mm
Tension for 1% elongation : 12 N/mm
Max. admissible belt tension : 24 N/mm
which is equal to : 2 %

Belt structure

Top Cover
- Thickness : 0.8 mm
- Material : PE
- Hardness : 90 Shore A
- Color : Transparent
- Surface : Smooth
Bottom Cover
- Thickness : 0 mm
- Material : Fabric
- Surface : Smooth

Support

Roller : Yes
Slider bed : Yes
Troughed : No

Suggested joining methods

Joining method : finger joint
Pressing Temperature
Top : 142±5° C
Thermo-coupling : 138±5° C
Bottom : 143±5° C
Pressure : 1.5±0.2 bar

Minimum roll diameter

Normal flexing : 120 mm
Counter flexing : 160 mm

Chemical resistance and other characteristics

* Permitted according to the FDA-prescriptions in paragraph 177.2600 for transport of all unpacked foodstuffs.
Temperature range of -20° C to +60° C.