

**PRODUCT CARD****POLYPROPYLENE STRAPPING BANDS****VerBAND and VerSTRAP**

**VerBAND and VerSTRAP** meet the requirements of the European norm PN-EN 13394: 2007

“Packaging. Specification for non-metallic tensional strapping.”

**PRODUCT DESCRIPTION**

PP straps are used for banding and fastening loads on pallets, binding loose elements in order to bale them, combining goods in bundles, and for securing smaller packaging e.g. boxes, coils. They can be used in hand packing tools, semi- automatic, and automatic packing machines.

**Directions for use:**

The usage of particular straps is depicted in the table below:

PP Strap Type	Acceptable way of packing		
	Manual	Semi-automatic (without a frame)	Automatic (with a frame)
<b>VerBAND</b>	Yes (width of 12-19mm)	Yes (width of 12-16mm)	No
<b>VerSTRAP</b>	Yes (width of 12-16mm)	Yes (width of 9-16mm)	Yes (width of 5-16mm)

- 1) **Manual use:** the strap should be installed on a special dispenser; unroll the needed length and cut it with a special sharp tool (e.g. the tensor with a knife dedicated for PP film); next wrap the load with the strap, combine the ends using a buckle (metal or plastic one), afterwards tense the strap with a hand tensor. The tensile strength depends on the load you need to secure. The general rule of choosing straps for loads is: the total strength of the binding (the strength/toughness of the straps is given in catalogue cards and/or offers) must be at least twice as large as the mass of the load.

- 2) **Machine use:** install the roll of the strap on the dispenser of a semi- or an automatic machine, lead the strap through the unrolling and passing system, set the machine in motion according to its manual, and then adjust the sealing parameters in order to achieve an appropriate seal.

**WARNING:** the strap cannot be used as a load lifting element.

#### Additional information

- 1) **Safety.** The strap contains neither dangerous, hazardous substances, nor heavy metals. It is produced on the basis of polypropylene polymer with polyethylene dyes.
- 2) **Storage.** The producer recommends to store the reels on wooden pallets, in dry rooms, in the temperature of above 0°C, not exceeding 50°C, on flat surface, horizontally. The reels should be put in layers (max. 10 layers on one pallet); they should be factory-secured with cardboard discs or boxes by their producer. Factory prepared pallets (48-60 reels) should not be stacked.
- 3) **Durability.**
  - a) The straps retain their strength parameters for usage in temperature ranging from -20°C to +60°C;
  - b) after UV sunlight exposure white and transparent straps retain its properties for 6 months, whereas tapes of other colours for 12 months. If not exposed for UV sunlight all colour straps are appropriate for 24 months.