

## Mil-tek Original Banding 19/150

<b>Description:</b>	<b>Mil-tek</b> Original Banding 19/150 (WG65/150)
<b>Mil-tek item no.:</b>	999021
<b>Band width:</b>	19 mm
<b>Band length:</b>	150 m ± 2m
<b>Coil length:</b>	165 mm
<b>Coil inner diameter:</b>	60 mm
<b>Coil outer diameter:</b>	150 mm
<b>Breaking strength:</b>	725 kp ± 5%
<b>Packaging:</b>	8 coils per carton box (size 610 x 305 x 165 mm) 240 coils per pallet (size 800 x 1100 mm) Weight per carton box (with 8 coils) is 15 kg.

### Technical data

<b>Material:</b>	80% twisted polyester yarn and 20% hot-melt glue
<b>Breaking elongation [%]:</b>	14
<b>Dtex:</b>	5500
<b>Minimum breaking tenacity [N/Dtex]</b>	0,08
<b>Number of yarns:</b>	17

### Calculation of the minimum theoretical breaking strength

$$17 \text{ (yarns)} \times 5500 \text{ [Dtex]} \times 0,08 \text{ [N/Dtex]} / 9,82 \text{ [m/s}^2\text{]} = 762 \text{ kp}$$

### Certification of the glue

The glue is a hot-melt product based on EVA (ethylene-vinyl acetate) used worldwide by the packaging industry.

All components in the product are approved to be used in food packaging according to US code of Federal Regulations (Foods and Drugs) CFR 175.105.

### Certification of the polyester yarn according to CNS 3677 standard.

