

## Technical data sheet

Article number:  
596-00576

**TAG27-12.5TDK1**



<b>Product Group</b>	Panel plate labels, thermal transfer
<b>Product Family</b>	Helatag 1221
<b>Material</b>	Type 1221, Polyester, silver (1221)
<b>Colour</b>	Silver (SR)
<b>Adhesive</b>	Acrylic
<b>Application Method</b>	The functionality and durability of the labels can be negatively affected if improperly processed or applied. All surfaces to be bonded must be clean, dry as well as free from dust and grease. Avoid touching the adhesive surface of the label as this could impair the application performance.
<b>Chem. Material Properties</b>	Excellent resistance to ageing and weathering. Extensive resistance to the influence of chemicals and solvents.
<b>Curing Temperature</b>	from +10 °C
<b>Height (H)</b>	12.5 mm
<b>Labels per Row</b>	1 pc.
<b>Material Durability</b>	2 years external weathering (central European climate)
<b>Mech. material properties</b>	Permanent adhesive with an elastic foam carrier.
<b>Operating Temperature</b>	-40 °C to +90 °C
<b>Package Content packed in</b>	reel
<b>Pack Cont.</b>	1000 pcs.
<b>Peel strength [Test method]</b>	45 N/25mm [DIN EN 1939]
<b>Print Method</b>	thermal transfer print
<b>Print Method (Alternative)</b>	laser beam print
<b>Recommended Ribbon Type</b>	TT122OUT, TT822OUT
<b>Shear strength test method</b>	DIN EN 1943
<b>Storage conditions</b>	50% relative humidity., The storage in the original packaging is recommended., Please avoid warehousing under impacts such as high humidity, heat and coldness.
<b>Storage Temperature</b>	+21 °C
<b>Thermal Transfer Printer</b>	TT431, TT4030
<b>Thickness of Foil [Test method]</b>	50 µm [FINAT FTM 12]

<b>UV-Stabilised</b>	Yes
<b>Width of Liner (WL)</b>	33 mm
<b>Width (W)</b>	27 mm

