

## Technical data sheet

Article number:  
596-23321

**TAG0623TL3**



<b>Product Group</b>	Protective laminates, thermal transfer
<b>Product Family</b>	Helatag 323, high temperature
<b>Material</b>	Type 323, Polyvinylidene Fluoride, transparent (323)
<b>Colour</b>	Transparent (CL)
<b>Adhesive</b>	Acrylic
<b>Adhesive strength</b>	Stainless steel: 290-330 N/m (ASTM D903), Acrylates: 440-470 N/m (ASTM D903), Polypropylene: 75-110 N/m (ASTM D903), Glass: 320-350 N/m (ASTM D903)
<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 against water, UV radiation, weather influence and solvents based on petroleum.
<b>Curing Temperature</b>	from +10 °C
<b>Flammability</b>	UL 94 V0
<b>Height (H)</b>	11.43 mm
<b>Initial tack [Test method]</b>	400 g/cm <sup>2</sup> [ASTM D2979-71]
<b>Labels per Row</b>	3 pcs.
<b>Material Durability</b>	5 years external weathering (central European climate). Excellent indoor use.
<b>Mech. material properties</b>	Use as protective over-laminate or clear printable label.
<b>Operating Temperature</b>	-40 °C to +140 °C
<b>Package Content packed in</b>	pcs.
<b>Pack Cont.</b>	5000 pcs.
<b>Print Method</b>	thermal transfer print
<b>Recommended Ribbon Type</b>	TT822OUT
<b>Shear strength [Test method]</b>	100 h [ASTM D3654]
<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>	25 µm [ASTM D3652-83]
<b>UL-File Number</b>	MH61377

Width (W)	27.94 mm
Width of Liner (WL)	101.60 mm

