

Technical data sheet

Article number:
596-61823

TAG61TD3



Product Group	Printed circuit board labels (ESD), thermal transfer
Product Family	Helatag 823, PCB labelling
Material	Type 823, Polyester, white (823)
Colour	White gloss (GSWH)
Adhesive	Acrylic
Adhesive strength	Stainless steel: 495-545 N/m (PSTC 1), Acrylates: 720-790 N/m (PSTC 1), Polypropylene: 195-230 N/m (PSTC 1), Glass: 495-545 N/m (PSTC 1)
Application Method	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.
Chem. Material Properties	Excellent resistance against alcohol, petrol, solvents, butanol, etyl- and butylcellosolve solvents, battery acid.
Curing Temperature	from +10 °C
Height (H)	4.75 mm
Initial tack [Test method]	780 g/cm ² [ASTM D2979-71]
Labels per Row	3 pcs.
Material Durability	2 years external weathering (central European climate). Foil becomes slightly yellow when exposed to direct sunlight.
Mech. material properties	According to ESD requirements of EIA 625 and 541.
Operating Temperature	-40 °C to +150 °C
Package Content packed in	reel
Pack Cont.	10000 pcs.
Peel strength [Test method]	550 N/m [PSTC 7]
Print Method	thermal transfer print
Recommended Ribbon Type	TT822OUT
Shear strength [Test method]	25 h [ASTM D3654]
Storage conditions	50% relative humidity., The storage in the original packaging is recommended., Please avoid warehousing under impacts such as high humidity, heat and coldness.
Storage Temperature	+21 °C
Thermal Transfer Printer	TT431, TT4030

Thickness of Foil [Test method]	51 µm [ASTM D3652-83]
Width of Liner (WL)	89.00 mm
Width (W)	25.40 mm

