

Technical Data Sheet

Thermal Transfer Polyester Label Materials offer supreme image durability in harsh environments. The polyester label is designed to permanently bond to high and low surface energy plastics, textured and contoured surfaces, powder coatings and slightly oily metals.

Construction

Facestock	55 micron	matte silver polyester
Adhesive	45 micron	acrylic adhesive
Liner	glassine paper	

Application

- Automotive under hood applications for barcode labels and rating plates.
- Property identification and asset labeling in harsh environments like automotive and electronic assembly.
- Warning, instruction, and service labels for durable goods.

Adhesion

Surface	LoopTack (N/in)	90° peel (N/in)
Stainless steel	19	28
Polycarbonate	18	21
Polypropylene	14	18

Chemical Resistance:

	Adhesion to Stainless Steel	Appearance
Chemical	N/in	Visual
Petrol	15	No change
Diesel	16	No change
SAE 15W40 Engine Oil	19	No change
Dot 4 Brake Fluid	20	No change
Toluene	13	No change

Note: The properties defined are based on four hour immersions at room temperature(22°C) unless

otherwise noted. Samples were applied to stainless steel panels 24 hours prior to immersion and were evaluated one hour after removal from the solution for peel adhesion. Adhesion measured at 90° peel angle at 305 mm/min.

Ribbon	T121、B110CR
Service Temperature Range:	-40° C — 150° C
Storage Stability	One years stored at 70°F (21°C) and 50% RH