



Preliminary Technical Data Sheet

Product: 2 mil 300 LSE Twin Liner Transfer Adhesive

Product Code: D300FP

Product Description:

This twin liner Transfer Adhesive has excellent bond strength and cohesive properties. D300 LSE Series Adhesive Transfer Tapes offer a high bond strength to most surfaces, including low surface energy plastics and powder-coated metals. These Adhesive Transfer Tapes are designed to work on machine parts that may be lightly contaminated with oil or other common substances typically used with machine parts. It has the following performance characteristics:

- High bond to low surface energy plastics (including Polypropylene and Polyethylene powder-coated paints)
- Clarity (virtually free of vapor inclusions).
- Excellent high and low temperature performance
- Excellent resistance to harsh environments; this adhesive can withstand splashes of organic solvents, weak acids/bases, salt water, cleaning solutions, disinfectants, oils, ect.

2 mil Clear PET Hard Liner
2 mil 300 LSE PSA
40# Clay Coated Easy Liner

Product Application:

Surfaces should be thoroughly cleaned and dried prior to product application using a cleaning solvent such as heptane for oily surfaces or isopropyl alcohol for plastics and similar surfaces. It is recommended to use reagent grade solvents in place of common household cleaners, as these frequently contain oils and other additives that may interfere with adhesive performance. Carefully read and follow all manufacturers' directions and warnings when using cleaning solvents.

Application Ideas:

Adhesive Transfer Tapes are ideal for long-term applications or those that require exposure to extreme environmental conditions. Common examples include:

- Plastic nameplates/graphic overlays for use on low surface energy plastics
- Marking applications on powder-coated metals and automotive products
- Membrane switches and flexible circuits
- Graphic/label application to wood, fabric, plastic or where high bond strength is required

Typical Performance Characteristics:

Characteristics	Value
Adhesive	300 LSE PSA
Adhesive Thickness	2.0 mil
Release Liner (Easy)	40# Claycoated Release Liner

The above information is presented for reference and illustration of general product characteristics only, and does not reflect our total product offering. The information does not constitute a representation or warranty relating to the suitability or fitness for a particular application or otherwise create guarantees of product performance. In all cases, customers should independently determine the suitability of D&K products for their specific application before using same.



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Release Liner (Tight)	2 mil Polyester Release Liner
Color	Clear
Product Caliper (total product)	6.25 mil
Peel Adhesion to SS (15 min @ 90° 1" wide)	135 oz/in
Polyken Probe Tack	950 grams
Cohesive Properties (1 in² x 1 kg)	48 + hours
Release off Liner (tight / easy)	45 / 20 g/in

Recommended Shelf Life

The recommended shelf life for this product is 24 months from the date of shipment, assuming reasonable storage conditions. It is recommended that the product be consumed within the suggested shelf life.

Recommended Storage Conditions

This product is recommended to be stored standing vertically on its end in an “eye to the sky” fashion. Keep product safe from excessive heat and consume within the recommended shelf life.

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