



Innovative Tape and Converting Solutions

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DATA PAGE

LF 508 High Temp Silicone Tape

Product Description

LF 508 is a High Temp High Tack Pressure Sensitive Transfer Tape. LF 508 is a high performance, engineering grade permanent adhesive backed with a differential semi-bleached kraft release liner on one side and an ultra smooth polyester release liner on the second side.

Adhesive is ideal for high temp aerospace applications, lower temperature disc brakes, noise and vibration dampening applications and much more. LF 508 is can withstand repeated temperature exposure to 650° F (343.3° C). This low outgassing formulation bonds very well to low surface energy materials and can be supplied as a transfer tape, double-coated or single coated product.

Technical Data

PROPERTY	TEST METHOD	DATA
Thickness (mil)	ASTM D 3652	1.9-2.1 in. (48-53 mil)
Adhesion (oz/in.)	ASTM D 903 @ 72 hr Dwell Time	
Stainless Steel		80 (880)
Acrylic		75 (825)
Glass		77 (847)
Polypropylene		51 (561)
Expected Shear	ASTM D 3654	40 (1hr dwell @1 sq/4lb load)
Tack (gm)	ASTM D 2979	760
Service Temperature		-300° - 500° F (-185° - 260° C) *minimum temp 50° F (10° C)

Light Fabrications Inc. Product Performance and Liability:

The above values are 'Typical Values' which have a nominal range and are not intended for specification purposes. Information is provided as a guide to assist in product selection. Customers are responsible for determining suitability of materials for their specific application. No Light Fab representative or affiliate is authorized to give any warranty, guarantee, or make any representation in addition or contrary to the above

We request the opportunity to work with you on specifications.