



Liberty Marking Systems, Inc.
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Product Data Sheet

457 Direct Thermal Polypropylene

Liberty 457 is a durable high sensitivity direct thermal polypropylene label stock with a permanent all temperature acrylic adhesive (A-136), backed with a coated kraft liner.

This product is designed for use in standard and high speed thermal printers and features a bright white appearance along with high resistance to abrasion and smearing and good environmental resistance.

Face Stock:

Base Weight (17 X 22 - 500 sheets):	18.6# ± 4.0#
Caliper:	3.2 mil ± 10%
Color:	White
Image Color:	Black

Liner:

Type:	Super Calendered Kraft
Color:	White
Base Weight:	40.0# ± 10%
Caliper:	2.5 mil (64 micron) ± 0.2 mil

Adhesive:

Type:	Permanent all temperature acrylic
Thickness:	.7 mil +/- 10%
Service Temperature:	-65° F to 200° F (-54° C to 93° C)
Application Temperature (minimum):	-20° F (-29° C)
Average Peel Adhesion Lbs./in. (180° angle 12" min)	1.8 or paper tear

Product Performance and Suitability

All of the descriptive information and recommendations for the use of Liberty Marking Systems products are to be used only as a guide. The furnishing of such information and recommendations shall in no event constitute a warranty of any kind by Liberty Marking Systems. All purchasers of Liberty Marking Systems products shall independently determine the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Liberty Marking Systems is authorized to give any warranty, guarantee, or to make any representation in addition or contrary to the above.