



Liberty Marking Systems, Inc.  
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## Product Data Sheet

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### 436 Direct Thermal Polypropylene

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Liberty 436 is a durable high sensitivity direct thermal polypropylene label stock with a permanent acrylic adhesive (Liberty A-129), 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.

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#### **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  
Service Temperature: -40° F to 200° F (-40° C to 93° C)  
Application Temperature (minimum): 18° F (0° C)

Average Peel Adhesion  
g/1" (180° angle 12" min)

Corrugate	750
HDPE	750
Stainless Steel	1000+

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#### 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.