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Material Specification Sheet

Product:
M-482

Description:
The M-482 is a cost effective, 7 mil polypropylene tag material. It is durable and highly sensitive with enhanced tear resistance.

Recommended Applications:
This label is recommended for commercial tagging, sport/game licensing and amusement passes. For use with high speed, direct thermal printers. Our printing recommendation is water-based flexographic on the direct thermal side. A primer or corona treatment is recommended if a high degree of flexo printing is required on the non-thermal side.

Product Disclaimer:
Some direct thermal printers are calibrated to require higher back side reflectance. M-482 should be pretested to verify that back side reflectance is high enough for consistent top of form registration in the particular end-use thermal printer.

Facestock:
The M-482 tested excellent in resistance to oils, plasticizers; resistance to alcohol, solvents; and 24 hour water immersion.

	Value	Units	Test Method
Basis Weight:	53.7 (202) Avg	lb (g/m2)	TAPPI T-410
Caliper:	7.42 (188.5) Avg	mils (microns)	TAPPI T-411
Brightness:	84% Avg		TAPPI T-525
Smoothness:	2.1 Avg	µ	TAPPIT-555

	Value	Units
Initial Activation Temperature (O.D. =0.2):	170 ± 9 (77 ± 5)	°F (°C)
Effective Activation Temperature (O.D. = 0.8):	194 ± 9 (90 ± 5)	°F (°C)
Optimum Activation Temperature (O.D. = 1.4):	230 ± 9 (110 ± 5)	°F (°C)