Weathershield®

Matte

Weathershield® Matte is a 3.2 mil (80μ) polymeric calendared PVC laminating film with a Matte finish, coated on one side with a pressure sensitive, solvent-free, water-based acrylic adhesive that is protected by a bleached Kraft release paper coated on one side with siliconized PE.

- SUITABLE FOR OUTDOOR APPLICATIONS, INCLUDING BANNERS, VEHICLE GRAPHICS (FLAT OR CURVED SURFACES) AND COMMERCIAL SIGNS, AS IT OFFERS SUPERB CLARITY FOR COLOR OPTIMISATION

- WHEN MATCHED WITH A HIGH QUALITY, POLYMERIC PRINT MEDIA, WEATHERSHIELD® MATTE OFFERS ITS BEST LONG-TERM PERFORMANCE

- EFFECTIVE FOR A WIDE RANGE OF APPLICATIONS DUE TO ITS LOW SHEEN WITHOUT LOSS OF CONTRAST OR SHARPNESS

- WEATHERSHIELD® MATTE HAS A CLASS 0 FIRE RATING ACCORDING TO UK STANDARDS FOR SURFACE SPREAD OF FLAME, MAKING IT PERFECT FOR APPLICATIONS IN PUBLIC AREAS THAT REQUIRE COMPLIANCE.

PRODUCT STRUCTURE

Film	Matte Polymeric Calendared PVC
Adhesive	Permanent Water-Based Acrylic - Solvent Free (Pressure Sensitive)
Release Liner	78# 2 Side PE Coated Siliconized Kraft Paper

PRODUCT CHARACTERISTIC

Film Weight	3.2 mil (80μ)	4.4 mil (111μ)
Adhesive Layer	1.2 mil (31μ)	
UV Protection Factor	Yes	
Outdoor Durability	7 years	
Fire Rating	Class 0 (BS 476 Part 6 and 7) Class 1 or A (ASTM E 84; UL 723) PASS (CAN/ULC-S102)	
Service Temperature Range	-4°F to 203°F (-20°C to 95°C)	
Peel Strength (20 min, FTM1)	11 N/25mm	
Shelf Life	2 years	
Storage Conditions	59°F to 72°F (15°C to 22°C); 50 - 55% Relative Humidity	

PROCESS SETTINGS

Equipment Type & Temperature	Speed
Roller Laminator Room temperature to 104°F (40°C)	1 ft to 8 ft (0.3m to 2.5m) per minute
Press	Not recommended

DRYTAC®
ADHESIVE SCIENCE

Digital Color ink