51.002N | OptiLam Matt

A polymeric matt overlam ideal to protect your printed graphics. The UV-cured adhesive reduces silvering on UV prints, ensuring a smooth finish. This overlam protects against external elements such as moisture, surface wear, and chemical exposure.

FACE FILM

Polymeric PVC, clear matt

Thickness (µm)	80	
Tensile strength (N/mm²)	24	EN ISO 527-3
Elongation at break (%)	100	EN ISO 527-3

ADHESIVE

Clear UV-cured, high tack permanent

Thickness (µm)	30	
Adhesion to steel		FINAT FTM 1
20 minutes (180°) N/25mm	25	
24 hours (180°) N/25mm	33	

RELEASE LINER

PET liner

Thickness (µm)	30

PRODUCT APPLICATION

Application method	Cold lamination (<30°C)
Dimensional stability (.mm)	8
Application temparature (°C)	10 to 30
Service temperature (°C)	-20 to 70

DURABILITY

Shelf Life (months)	12
Durability (years)	6

CHEMICAL RESISTANCE

Water	Excellent
10% Saltwater	Excellent
Bleach	Excellent
Ammonia	Excellent
25% Sulfuric Acid	Not tested
Detergent	Excellent
All Purpose Cleaner	Excellent
99% IPA isopropyl alcohol	Excellent
Glass cleaner	Excellent
Disinfectant	Not tested

ROLL SIZES

1370mm x 50m

Fourbases BV guarantees the material for twelve months from the date of final invoice. The shelf life of our material depends on storage conditions. The end user should store the material in the original boxes or in equivalent boxes, away from direct sunlight, at a temperature of 21°C and 50% relative humidity. Fourbases BV guarantees that the products are free from defects in workmanship or defects in iSee2 material, provided they are stored properly. At its sole discretion, Fourbases BV may either: (1) replace all or part of the materials, or (2) issue a credit note for the value of the defective portion. All quoted data values are typical and should not be used as a basis to consider the product defective if measured values differ.