

**Description** M12-P-K. 80µ gloss white high-opacity 5 year monomeric PVC, PermPLUS permanent adhesive, 135gsm kraft liner  
 'M Series' 5 year monomeric for flat-sides. High opacity bright white monomeric with a clear PermPLUS permanent adhesive on a kraft liner. High opacity coverall film is the preferred alternative to a grey adhesive. EN13501-1 and BS 476 Class 0 fire rated.

**Key Features** No adhesive milking when wet applied.  
 Available up to 1600mm wide.  
 Solvent, Latex and UV printable.  
 Splice free rolls.  
 Phthalate Free  
 VOC Free

**Conversion** Primarily for digital printing but can be CAD cut.

**Precaution** For application to flat surfaces only.

**Application** Dry or Wet application.

**Compliance** REACH and RoHS compliant

**Fire Certification** EN13501-1 and BS 476 Class 0

**Face Material** Monomeric high-opacity calendered PVC  
**Face Thickness** 80µ thick  
**Adhesive** PermPLUS' permanent clear UV polyacrylate - VOC Free  
**Adhesive weight** Nominal 24gsm  
**Perceived Tack** Medium Tack Permanent  
**Liner** 135gsm kraft liner  
**Dimensional stability** Nominal 0.14mm  
**Conformability** 1D Flat-sided  
**Optimal application temp** +5 to 25°C  
**Min application temp** +2°C on stainless steel or glass  
**Max application temp** +30°C  
**Intermittent service temp** -30 to 100°C  
**Shelf-life** 2 year

Adhesive Data (Nominal)	180° Peel Adhesion N/25mm			
	Stainless Steel	Glass	Polypropylene	MDF
20 min	16	17	8	5
24 hour	19	19	9	6
1 week	20	21	10	7

**Chemical Resistance** The unprinted film can be wiped clean with water and diluted household detergents. Resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali, diesel oil, gasoline, paraffin, hydraulic oil, antifreeze, soap suds, etc.

**Outdoor Durability** 5 year unprinted Zone 1 (Northern Europe, North America) vertical exposure  
 2-3 year unprinted Zone 2 (S. Europe, Central & S. America, Asia Pacific) vertical exposure  
 1-2 year unprinted Zone 3 (Middle East, Africa & desert areas) vertical exposure

**Important** The nominal values shown are based upon research and test methods on unprinted material and are provided without guarantee and do not constitute a warranty. Users are advised to ensure that performance and reliability are not compromised by determining the suitability of each product prior to its intended use. Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids etc. may eventually cause deterioration. Actual performance will depend on substrate preparation, exposure conditions and correct application. For further information on the test methods used refer to [www.nu-coat.com/testmethods](http://www.nu-coat.com/testmethods). Nu-Coat Limited will not be liable for any indirect or consequential loss.