

Description	M12-H-X. 80µ gloss white high-opacity 5 year monomeric PVC, airXit high-grab permanent adhesive, stay flat micro structured PF liner to eliminate air bubbles. 'M Series' 5 year monomeric for flat-sides. High opacity bright white monomeric with an airXit clear high grab permanent adhesive on a PE coated liner. Structured liner and adhesive systems speeds up application times and helps to eliminate air bubbles. Better than standard permanents for a wider range of difficult surfaces such as smooth and lightly textured walls, floors, ceramic tiles, MDF, wood, plasterboard etc. Also smooth low-surface energy surfaces such as PP etc. High opacity film as alternative to a grey adhesive. EN13501-1 and BS 476 Class 0 fire rated.				
Key Features	Solvent, Latex and UV printable. For flat mid term surfaces. Fire rated. Adheres well to more difficult surfaces. Bubble free dry application. Available up to 1600mm wide. Phthalate Free VOC Free				
Conversion	Primarily for digital printing but can be CAD cut.				
Precaution	For application to flat surfaces only.				
Application	Dry 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	'airXit' HighGRAB permanent clear UV polyacrylate - VOC Free				
Adhesive weight	Nominal 45gsm				
Perceived Tack	High Tack Repositionable / Permanent				
Liner	160gsm structured matt PE liner				
Dimensional stability	Nominal 0.15mm				
Conformability	1D Flat-sided				
Optimal application temp	+15 to 25°C				
Min application temp	+10°C				
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	17	20	9	6
	24 hour	22	26	12	9
	1 week	25	28	13	11
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 . Nu-Coat Limited will not be liable for any indirect or consequential loss.				