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|---------------------------|---|-----------------|-------|---------------|-----|
| Description | M16-U-K. 80µ matt high-opacity 5 year monomeric PVC, UltraGRAB permanent adhesive, 135gsm kraft liner 'M Series' 5 year monomeric for flat-sides. High opacity matt white monomeric with a clear UltraGRAB permanent adhesive on a kraft liner. Our strongest adhesive for the widest range of difficult surfaces such as smooth, lightly textured and rough walls, floors, ceramic tiles, MDF, wood, plasterboard etc. Also bonds very well to smooth and textured low-surface energy surfaces such as PP etc. Adheres well at lower application temperatures and builds bond strength quickly. High opacity coverall film is the preferred 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 the most difficult surfaces. Available up to 1600mm wide. Phthalate Free VOC Free | | | | |
| Conversion | Primarily for digital printing but can be CAD cut. Prints should be left flat for at least 4 hours prior to cutting, lamination or application. | | | | |
| Precaution | For application to flat surfaces only. | | | | |
| Application | Dry application recommended. | | | | |
| 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 | UltraGRAB' permanent clear UV polyacrylate - VOC Free | | | | |
| Adhesive weight | Nominal 55gsm | | | | |
| Perceived Tack | High Tack Permanent | | | | |
| Liner | 135gsm kraft liner | | | | |
| Dimensional stability | Nominal 0.24mm | | | | |
| 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 | 25 | 32 | 26 | 13 |
| | 24 hour | 28 | 37 | 28 | 22 |
| | 1 week | 30 | 38 | 30 | 27 |
| 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. | | | | |