



We have put these samples together to highlight some of the great features of our range of **HighGRAB** digital vinyls

All the products in our **HighGRAB** range are fire rated to both EN13501-1 and BS 476 Class 0.

We have compared our **M16-H-K** matt high opacity PVC with **HighGRAB permanent adhesive** with some of our competitors' products, labelled SAMPLE A, B and C and all are major brands with significant UK market share.

We offer a full range of films including monomeric PVC, polymeric PVC, Polyesters and Polypropylenes.

All of our products are manufactured in the UK.

These samples highlight some of the positive benefits of our products that you may not currently be aware of.

UV acrylic adhesive: For maximum adhesion confidence.

Our UV adhesive curing is unique in the UK and offers solvent acrylic performance but with no solvents and no gas intensive drying ovens typically used in adhesive coating. This makes the manufacturing cleaner and requires less energy than traditional solvent or water based adhesive coating.

We calculate our CO₂ emissions are 60% less than those of the standard oven drying operations used by virtually all our competitors.

Our **HighGRAB** adhesive performance against the competition is tabled below for comparison.

Adhesion N/25mm at 23°C	NU-COAT M16-H-K Monomeric	Sample A Monomeric	Sample B Polymeric	Sample C Polymeric
20 mins to Stainless Steel	22	12	13	8
20 mins to Glass	25	11	13	8
20 mins to PP	14	12	12	9
20 mins to MDF	7	6	7	5
7 days to Stainless Steel	30	23	13	12
7 days to Glass	33	22	13	10
7 days to PP	16	18	14	10
7 days to MDF	13	10	9	13

Excellent Stability: Our UV adhesive technology results in a finished product that will show less shrinkage, as there are no retained solvents to affect the PVC film.

Our monomerics show similar levels of shrinkage to competitors' polymeric.

Shrinkage % at 70°C for 48 hours	NU-COAT M16-H-K Monomeric	Sample A Monomeric	Sample B Polymeric	Sample C Polymeric
On Aluminium	0.28mm	0.58mm	0.22mm	0.25mm

Good opacity: High opacity coverall film is our preferred alternative to a grey adhesive.

It offers the same opacity as a grey adhesive but still retains its whiteness and allows customers to stock one product rather than two.

HighGRAB



