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SPECTRABOND TECHNICAL DATA SHEET

- General:** SPECTRABOND is a gloss vinyl screen ink formulated for easy printing onto a wide range of PVC and other plastic substrates to give a consistent high level of gloss and adhesion with excellent durability.
- Uses:** SPECTRABOND is suitable for a wide range of applications including point of sale displays, self-adhesive vinyl stickers, illuminated signs, catalogues and book covers, wallets and credit cards. It exhibits good chemical resistance and can therefore be used for petrol, grease as well as acid resistant applications. However it is advisable to pre-test all materials prior to a production run.
- Thinning:** SPECTRABOND should be thinned about 25% with SBT Thinner or SBR Retarder. Extra Strong Thinner, GT25, and Extra Strong Retarder, GT26, can be used for difficult substrates such as rigid vinyl or nylon woven PVC. Universal Thinner, UT20, and Universal Retarder, UT21, can also be used where milder solvents are desired for solvent-sensitive substrates. Universal Economy Thinner, UT22, and Universal Economy Retarder, UT23, are used where economy is desired especially where large solids are printed. But it must be emphasized that all UT reducers are diluents and not true solvents for SPECTRABOND inks and properties such as gloss, adhesion and drying can be affected by these solvents.
- Mesh:** All types are suitable.
- Stencil:** All types of photo stencils and hand cut stencils are suitable except the solvent adhering grades.
- Squeegees:** White rubber or polyurethane. Black rubber should be avoided as it may bleed with light colours.
- Coverage:** 40-60 m² through 120T when thinned 25%.
- Drying:** SPECTRABOND will rack dry in 15 - 30 minutes depending on ambient temperatures, ventilation, type of reducer and type of substrate. The use of a jet drier is recommended and will considerably reduce drying times. Although extra time should be allowed for overlapped colours, prints can be stacked without the danger of blocking even on double sided work. However it is advisable to pre-test all materials prior to a production run or our laboratories will be pleased to test problematic materials.
- Screen wash:** Universal Screen wash UT50.
- Colour Range:** The full colour range as per Colour Chart is available. In addition matchings of 1 x 1 kg and over are available but please state mesh and submit substrate when ordering. The lightfastness of the colours is excellent, all colours having a minimum of 6 on the Blue Wool Scale.

Technical Service: Our technical staff will be pleased to advice on any aspect of printing where doubts may arise.

Note The information given herein is based on our general experience, and where applicable on the results of tests on samples of typical manufacture. However because of the many factors outside our knowledge and beyond our control which can affect the use of our products, we cannot accept liability for any damage, loss or injury resulting from reliance upon such information.