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SPECTRAGLOSS TECHNICAL DATA SHEET

- General:** SPECTRAGLOSS is a high gloss screen ink which is specifically aimed at the high speed machines but is equally happy on semi-automatics and hand benches.
- Uses:** SPECTRAGLOSS has been formulated to give good adhesion to A.B.S., Acrylics (Perspex), polycarbonates (Lexan), Styrene, Polyart, self-adhesive vinyl plus coated board and paper. However it is advisable to pre-test all materials prior to a production run.
- Thinning:** SPECTRAGLOSS should be thinned 20 - 40% with ST33 Standard Thinner or ST35 Retarder. Where the recovery of the substrate is essential or where the material is sensitive to strong solvent (eg Styrene, Lexan, ABS) LT20 Thinner or LT21 Retarder should be used. On the other ~hand difficult materials such as vinyl, polyesters and certain acrylics may require stronger solvent such as GT25 Extra Strong Thinner or GT26 Extra Strong Retarder.
- Mesh:** All types are suitable.
- Stencil:** All types of photo stencils and hand cut stencils are suitable except the solvent adhering grades. Direct emulsions such as HYDRASOL EU (HEM FU).
- 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:** SPECTRAGLOSS will rack dry in 10 - 20 minutes depending on ambient temperatures, ventilation and type of substrate. Drying times can be considerably reduced using a multistage jet air drier. Although extra time should be allowed for overlapped colours, prints can be stacked from the drier without any danger of blocking even on double sided work.
- 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.