



## PERMASET® PUFF PASTE

**PERMASET® Puff Paste** is used as a base for a multitude of colors and effects, when mixed with **PERMASET®** concentrates. This high performance, special effects printing medium, dramatically swells upon heating to produce a vertical rise, giving a 3D effect. **PERMASET® Puff Paste** is used generally to enhance designs and to provide a raised, textured feel to the finished print.

### BENEFITS

**PERMASET® Puff Paste**, once cured, enhances designs with its unique puff effect. Prints are transformed into a 3D finish that exhibits excellent definition of print even though the actual print manifests some lateral expansion on cure. A soft textured feel is experienced with unsurpassed adhesion onto fabrics. **PERMASET® Puff Paste** is wash and dry clean resistant.

### CURING

Heat fixation cannot take place until all water has evaporated from the product. Once printing is complete, allow the garment to air dry for 15 minutes. Once **PERMASET® Puff Paste** is dry, cure in an oven for 4-5 minutes at 160°C. **PERMASET® Puff Paste** requires a definite time/temperature cycle for optimum performance. Curing at temperatures that are too low can result in inadequate cure (and therefore little or no rise of the print) while curing at temperatures that are too high can result in over cure of the print causing poor adhesion to the fabric or puff micro-spheres to explode and collapse.

### PRINTING

Screen mesh sizes of 32T-43T are suitable for most applications. A standard two pulls of the squeegee are required when printing. The first penetrates and covers the fabric, while the second levels the print. Always ensure that there is sufficient ink on the screen for even prints.

### IMPORTANT

Prior to attempting any print run, experimentation with a test piece is recommended in order to test for adhesion, wash, dry-clean and rub fastness.

NOTE: The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our business, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason, our products are sold without warranty and on condition that users conduct their own tests to satisfy themselves that they will fully meet their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.

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