



# Technical Data Sheet

## GLOSS CLEAR POLYESTER PD-GCP-ST

### Gloss Clear Polyester with a Supertack Adhesive

A gloss clear polyester (PET) specifically designed for use on 'hot fuse' printer systems. Some slight curl may occur on exiting the printer but this will flatten quickly. This material is ideal for high quality labels and tags, labels with high resolution barcodes and variable information labelling. Suitable for outdoor applications with good dimensional stability and ageing resistance.

#### Approvals:

The adhesive coating & backing paper meet the European Toy Regulation EN71/3:2018

The face material is RoHS compliant

#### Face material properties

Grammage	72 gsm ±3
Caliper (thickness)	51 microns ±3

#### Adhesive

A water based emulsion acrylic Supertack, with high initial tack and a strong permanent bond for general use on a wide range of surfaces inc. paper, board, glass and steel.

Application temp.	+5°C	Peel adhesion	10.9 N/inch±1 FINAT1
Operating temp.	-20°C to +90°C	Shear test	20h±5 FINAT8
		Quick stick	7.6 N/inch±4 FINAT9

#### Shelf Life and Storage Conditions

Two years from delivery date when stored at the following conditions:

- Temperature +5°C/+35°C
- Store away from heaters or direct sunlight or rain
- Relative Humidity 45% - 60%
- Keep the sheets flat
- Store in a cool dry place
- Store in the original packaging

#### Backing

One side coated white kraft solventless silicon coated with good lay-flatness & stability characteristics.

Grammage	135 gsm ±7	ISO 536
Caliper (thickness)	130 microns ±8	ISO 534

**Total Thickness of Construction** 195microns ±7%    **Total Weight of Construction** 225gsm±6%

**Printing tips:** To reduce the risk of static, fan the sheets apart and place sheets separately onto the stack to increase the amount of air between the sheets. Always trial new materials to determine suitability for printing and application. Remember to use the correct thickness settings for this material. If the sheet is being fed face down and the run is interrupted for short periods, it is advisable to turn the top two sheets over so that the plastic face is on top which will help to prevent moisture absorption. Replace unused material in the re-sealable bag provided.

#### Disclaimer:

All materials in the Perfect Digital range are manufactured to the highest quality standards and controls. Any material showing an evident manufacturing defect will be replaced promptly without charge. All statements, technical information and recommendations are based on industry standard tests procedures and practical experiences and believed to be reliable but do not constitute a guarantee or warranty. Preliminary tests are recommended for each new application. All information subject to change without notice