



# Technical Data Sheet

## DIGITAL UNCOATED 80 DEEPFREEZE PD-UC-DF

### Uncoated White Paper 80gsm Deepfreeze Adhesive – Digital Multipurpose (Laser/Copier/Indigo)

A premium high **White Uncoated 80gsm** face paper for high quality print results. Offered in split or solid-back options. The split-back version is produced using precision cutting techniques to ensure that the splits do not deform the face paper and work perfectly every time.

The sheet is designed to give trouble free running across a wide range of machines including:

HP Indigo, Xerox iGen & Docucolor, Canon, Kodak NexPress, OCE, Konica Minolta and other sheet fed digital printers.

Approvals: The adhesive coating meets the BfR XIV regulations, for contact with foodstuffs. The product meets the European Toy Regulation EN71/3.

#### Face material properties

Grammage 80 gsm ±4  
Caliper (thickness) 104 microns ±4

#### Adhesive

Water emulsion acrylic based, Permanent Deep Freeze, for applications on various surfaces to be stored at low temperatures.

|                   |                |               |                                |
|-------------------|----------------|---------------|--------------------------------|
| Application temp. | Min -15°C      | Peel adhesion | 13.9 N/inch v=300mm minT=0oC   |
| Operating temp.   | -25°C to +70°C | Peel adhesion | 13.9 N/inch v=300mm minT=-20oC |
|                   |                | Shear test    | 11h FINAT8                     |
|                   |                | Quick stick   | 8.7 N/inch v=300mm minT=0oC    |
|                   |                | Quick stick   | 1.3 N/inch v=300mm minT=-20oC  |

#### Shelf Life and Storage Conditions

Three (3) years from delivery date when stored at the following conditions:

- |  |   |
|--|---|
| <input type="checkbox"/> Temperature +5°C/+35°C      | <input type="checkbox"/> Store away from heaters or direct sunlight or rain                     |
| <input type="checkbox"/> Relative Humidity 45% - 60% | <input type="checkbox"/> Keep the sheets flat. Store in the original packaging                  |
| <input type="checkbox"/> Store in a cool dry place   | <input type="checkbox"/> Material to be acclimatized for at least 24hours to ambient conditions |

#### Backing

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

Grammage 85 gsm ±3 ISO 536  
Caliper (thickness) 87 microns ±5 ISO 534

**Total Thickness of Construction** 206microns ±6% **Total Weight of Construction** 185gsm±5%

**Printing tips:** Always trial new materials to determine suitability for printing and application. Remember to use the correct thickness settings for this material.

#### 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