

95µ Soft-PVC monomeric, white matt

**Grade Characteristics**

|                                     |   |
|-------------------------------------|---|
| Description                         | <b>Self-adhesive monomeric soft-PVC, white matt, 95 microns</b>   |
| Application                         | Digital print vinyl for eco-solvent, solvent and UV- based inksystems   |
| Certificates                        | <b>B1 flame retardant according to DIN 4102, part 1 applied on Steel-board.</b><br><b>REACH conform, complies with the toys norm EN 71 part 3</b> |
| Recommended application temperature | min. + 10°C   |
| Product application temperature     | - 30 to + 80°C  |
| Durability                          | 3 years **  |
| Shelf life at 23°C / 50% moisture   | 2 years in original boxes **  |
| Dimensionstability ( FINAT 14)      | *** adhered to steel , no shrinkage in cross direction (CD)<br>in machine direction (MD) max. 0,2 mm  |

**Physical Properties Facestock**

|                     | Value  | Unit | Norm           |
|---------------------|--------|------|----------------|
| Caliper             | 95 ± 5 | µm   | ISO 534        |
| Stretch at break MD | > 160  | %    | DIN EN ISO 527 |
| Tear resistance MD  | > 26   | Mpa  | DIN EN ISO 527 |

**Physical Properties Adhesive**

|                                       | Value | Unit   | Norm         |
|---------------------------------------|-------|--------|--------------|
| Adhesion* R2 → Removable, clear       | 6 ±3  | N/25mm | Finat 1      |
| Adhesion* R2xg → Removable, grey      | 5 ±4  | N/25mm | Finat 1      |
| Adhesion* R3xg → Removable, grey      | 10 ±4 | N/25mm | Finat 1      |
| Adhesion* R3 → Removable, clear       | 10 ±4 | N/25mm | Finat 1      |
| Adhesion* P3 → Permanent, clear       | 14 ±6 | N/25mm | Finat 1      |
| Adhesion* P3xg → Permanent, grey      | 16 ±6 | N/25mm | Finat 1      |
| Adhesion* P4 → Super-Permanent, clear | 18 ±6 | N/25mm | Finat 1      |
| *Average value                        |       |        | 24h on Glass |

**Physical Properties Liner**

|   | Caliper EN ISO 20 534 | Substance ISO 536   |
|---|-----------------------|---------------------|
| H14 siliconised Kraftliner  | 0,144mm               | 135g/m <sup>2</sup> |
| D18 siliconised Kraftliner, double-sided PE-coated                  | 0,150mm               | 140g/m <sup>2</sup> |
| D17 siliconised Kraftliner, double-sided PE-coated, microstructured | 0,180mm               | 145g/m <sup>2</sup> |

**Guarantee**

INTERCOAT materials are manufactured according to highest quality standards and pass stringent quality controls prior to despatch. Any material showing an evident defect of manufacturing will be replaced promptly without charge. The wide range of different applications does not allow to test all possibilities of employment. All statements, technical information and recommendations are based on tests and practical experiences and believed to be reliable but do not constitute a guarantee or warranty. Preliminary tests are recommended for each new application. For any need of advise or technical support the INTERCOAT technical department will be pleased to assist.

\*\* Normal storage and handling conditions. 2-3 years inside and up to 3 months outside in middle-European climate conditions, unprinted.

\*\*\* depending on the used inks and the interaction between inks and the laminate , the vinyl might shrink, when the printed area is cut.