

Technical Product Information # 02213

TOPCOATED DIRECT THERMAL REMOVABLE ADHESIVE 40# WHITE KRAFT

Last updated 12/1/09

Caliper: 6.0 mil.
Substance weight: 113 lbs./ ream (24" x 38")

Face Paper

Direct Thermal Top, Top barrier-coated, chemi-thermal paper with standard sensitivity. For universal VIP labeling requiring good environmental resistance of the printed image. For retail use.

Substance weight	55 lbs./ream (25" x 38")	ISO536
Caliper	3.3 mil.	ISO534
Tensile Strength MD	35 lbf/in.	ISO1924
Tensile Strength CD	21 lbf/in.	ISO1924
Roughness	1.2 microns PPS10	ISO8791-4
Opacity	89%	ISO2471
Brightness	91%	ISO2470
Density	1.33	Macbeth
Imaging color	Black	
Scanning	Visible red light	

Adhesive

Rubber-resin dispersion removable adhesive. For rough substrates, such as corrugated cardboard and for curved substrates.

Tack minimum	5 N FTM 9
Tack maximum	8 N FTM 9
Shear minimum	2.0 h FTM 8
Peel minimum	3.0 N/in. FTM 2
Peel maximum	5.0 N/in. FTM 2
Minimum labeling temperature	+14°F
Service temperature range	- 22°F ... + 158°F

Long-term removability from smooth, even substrates restricted. Should not be exposed to direct sunlight or high temperatures for long periods of time. This adhesive is not suitable for labeling of PVC surfaces. Complies with FDA 21 CFR 175.105.

Liner

40# White Kraft (2.5 mil.), White kraft liner. For roll stock applications and photocell dispensing.

Substance weight	42 lbs./ream (24" x 36")	ISO536
Caliper	2.5 mil.	ISO534
Tensile strength MD	45 lbf/in.	ISO1924
Tensile strength CD	18 lbf/in.	ISO1924
Transparency	40%	ISO2469

The above are typical technical values and are given in good faith based upon our most up to date knowledge and experience. As the products are used outside our control we cannot take responsibility for any damage which may be caused using the product.

The product listed above meets the requirements specified by the **European Union Directive 2002/95/EC(RoHS)** to eliminate the use of **lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers**. These chemicals (collectively referred to as the "Restricted Substances") are not intentionally used in the manufacture of DLS products and there should be no incidental contamination during their manufacture.