



**022TD0027541WK**

**Item #: S9156560**

HI SENSITIVITY DT FSC/275 ULTRA REMOVABLE ADH/41# WHITE KRAFT LINER  
Approximate weight per MMSI: 226 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

**FACESTOCK**

A 53# (78 g/m<sup>2</sup>) top coated direct thermal coated paper for more demanding applications and higher imaging speeds. FSC®-certified paper.

| Test Property               | Units               | Typical Value | Metric Units    | Metric Value | Test Method |
|-----------------------------|---------------------|---------------|-----------------|--------------|-------------|
| Basis Weight                | lbs/25X38-500 (330) | 52.8          | grams/sq meter  | 78.1         | TAPPI T410  |
| Caliper - Average           | mil                 | 3.0           | um (micrometer) | 76.2         | TAPPI T411  |
| Smoothness (PPS) Print Side | um                  | .9            | um              | .9           | TAPPI T555  |
| Tear-MD                     | grams               | 43            | mN              | 421.7        | TAPPI T414  |
| Tear-CD                     | grams               | 44            | mN              | 431.5        | TAPPI T414  |
| Tensile-MD                  | lb/inch             | 32            | kN/m            | 5.6          | TAPPI T494  |
| Tensile-CD                  | lb/inch             | 16            | kN/m            | 2.8          | TAPPI T494  |
| Stiffness-MD                | Gurley (mg)         | 90            | mN              | .9           | TAPPI T543  |
| Stiffness-CD                | Gurley (mg)         | 40            | mN              | .4           | TAPPI T543  |
| Brightness                  | %                   | 83.0          | %               | 83.0         | TAPPI T452  |
| Initial Activation Temp     | F                   | 171           | C               | 77           | ISO 1924    |
| Effective Activation Temp   | F                   | 190           | C               | 88           | ISO 1924    |
| Optimum Activation Temp     | F                   | 244           | C               | 118          | ISO 1924    |

**Notes**

<http://gbp.com/coated-direct-thermal-ink-recommendations>

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SPECIALISTS IN COATED SELF-ADHESIVE MATERIALS

ESPECIALISTAS EN MATERIALES AUTO-ADHESIVOS

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Phone: 001-(920)-337-1800, 800-445-4269, WI: 800-472-4442 • FAX: 001-(920)-337-1797, 800-705-0111



**ADHESIVE**

Most universal microsphere with adhesion to corrugated, glass, metal, and plastics. No residue on glass or credit cards. Repositionable. Not recommended for small labels, or flood coated applications.

| Test Property                  | Units      | Typical Value | Metric Units   | Metric Value | Test Method |
|--------------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated           | mils       | 0.4           | um(micrometer) | 10.1         |             |
| Shear (1 x 1/2 x 1 kg)         | hours      | .2            | hours          | .2           | CPD-55      |
| Peel - 180 D SS 20 min         | lb/inch    | .201          | grams/25 mm    | 89.7         | CPD-52      |
| Peel - 180 D Glass 20 min      | lb/inch    | .116          | grams/25 mm    | 51.8         | CPD-52      |
| Peel - 180 D Corrugated 20 min | lb/inch    | .174          | grams/25 mm    | 77.7         | CPD-52      |
| Loop Tack Stain Steel          | oz/sq inch | 9.73          | kg/645 sq mm   | .3           | CPD-16      |
| Loop Tack HDPE                 | oz/sq inch | 4.0           | kg/645 sq mm   | .1           | CPD-16      |
| Loop Tack LDPE                 | oz/sq inch | 4.7           | kg/645 sq mm   | .1           | CPD-16      |
| Loop Tack Corrugated           | oz/sq inch | 1.7           | kg/645 sq mm   | .0           | CPD-16      |
| Loop Tack Glass                | oz/sq inch | 3.0           | kg/645 sq mm   | .1           | CPD-16      |
| Min. App. Temp.                | F          | 35            | C              | 2            |             |
| Service Temp.                  | F          | 20 TO 120     | C              | -7 TO 49     |             |
| FDA Compliance                 | 21 CFR     | 175.105       |                |              |             |

**Notes**

Some streaking is normal with 275. Therefore, it is not recommended for small label or flood coat applications. We will honor claims if streaks are wider than 3/16 in.; or multiple smaller streaks spaced less than 3 in. apart. This adhesive is not intended for layflat applications.

**LINER**

A premium, 41# (66 g/m<sup>2</sup>) white kraft liner that is designed for roll-to-roll and fan-fold applications. Outstanding performance die cutting both paper and film.

| Test Property     | Units               | Typical Value | Metric Units    | Metric Value | Test Method |
|-------------------|---------------------|---------------|-----------------|--------------|-------------|
| Basis Weight      | lbs/24X36-500 (300) | 40.5          | grams/sq meter  | 66.0         | TAPPI T410  |
| Caliper - Average | mil                 | 2.7           | um (micrometer) | 68.6         | TAPPI T411  |
| Tear-MD           | grams               | 46.9          | mN              | 459.9        | TAPPI T414  |
| Tear-CD           | grams               | 54.0          | mN              | 529.6        | TAPPI T414  |
| Tensile-MD        | lb/inch             | 32.0          | kN/m            | 5.6          | TAPPI T494  |
| Tensile-CD        | lb/inch             | 14.3          | kN/m            | 2.5          | TAPPI T494  |

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