



PRODUCT INFORMATION

25DTE0075740SC

Item #: S9254160

TC RESISTANT DT FSC/TACKIFIED PERM ADH/40 SC LINER

Approximate weight per MMSI: 221 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCK

A 49# (72.5 g/m²), no phenols added, top coated direct thermal paper. Resistant to moisture, oil and heat. Also has plasticizer resistance at room temperature. Ideal for weigh scale labels, pharmacy, shipping and warehousing applications. FSC®-certified paper.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-----------------------------|-------------------------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 (3300 Sq Ft) | 49.0 | grams/sq meter | 72.5 | TAPPI T410 |
| Caliper - Average | mil | 3 | um (micrometer) | 76.2 | TAPPI T411 |
| Smoothness (PPS) Print Side | um | 1.5 | um | 1.5 | TAPPI T555 |
| Tear-MD | grams | 50 | mN | 490.3 | TAPPI T414 |
| Tensile-CD | lb/inch | 17 | kN/m | 3.0 | TAPPI T494 |
| Stiffness-MD | Gurley (mg) | 90 | mN | .9 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 40 | mN | .4 | TAPPI T543 |
| Initial Activation Temp | F | 187 | C | 86 | ISO 1924 |
| Effective Activation Temp | F | 219 | C | 104 | ISO 1924 |
| Optimum Activation Temp | F | 228 | C | 109 | ISO 1924 |

ADHESIVE

A permanent acrylic adhesive with an aggressive bond to many surfaces, including low-energy plastics and corrugated. Harder adhesive for clean converting. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|---------------------------|------------|---------------|--------------|--------------|-------------|
| Shear (1 x 1/2 x 1 kg) | hours | 5.2 | hours | 5.2 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 2.32 | grams/25 mm | 1035.8 | CPD-52 |
| Peel - 180 D HDPE 20 min | lb/inch | 1.5 | grams/25 mm | 678.6 | CPD-52 |
| Peel - 180 D LDPE 20 min | lb/inch | 1.8 | grams/25 mm | 803.6 | CPD-52 |
| Peel - 180 D Glass 20 min | lb/inch | 2.2 | grams/25 mm | 991.1 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 43 | kg/645 sq mm | 1.2 | CPD-16 |
| Loop Tack HDPE | oz/sq inch | 41.0 | kg/645 sq mm | 1.1 | CPD-16 |
| Loop Tack LDPE | oz/sq inch | 44 | kg/645 sq mm | 1.2 | CPD-16 |
| Loop Tack Corrugated | oz/sq inch | 15.2 | kg/645 sq mm | .4 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 33.0 | kg/645 sq mm | .9 | CPD-16 |
| Min. App. Temp. | F | 32 | C | 0 | |
| Service Temp. | F | -58 TO 199 | C | -50 TO 93 | |

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PRODUCT INFORMATION

LINER

A white densified kraft sheet 41# (67 g/m²) with excellent point-to-point caliper control.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-------------------|-------------------------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/24X36-500 (3000 Sq Ft) | 41 | grams/sq meter | 66.8 | TAPPI T410 |
| Caliper - Average | mil | 2.400 | um (micrometer) | 61.0 | TAPPI T411 |
| Opacity | % | 60 | % | 60.0 | TAPPI T425 |
| Tear-MD | grams | 34 | mN | 333.4 | TAPPI T414 |
| Tear-CD | grams | 39 | mN | 382.5 | TAPPI T414 |
| Tensile-MD | lb/inch | 40 | kN/m | 7.0 | TAPPI T494 |
| Tensile-CD | lb/inch | 17 | kN/m | 3.0 | TAPPI T494 |

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