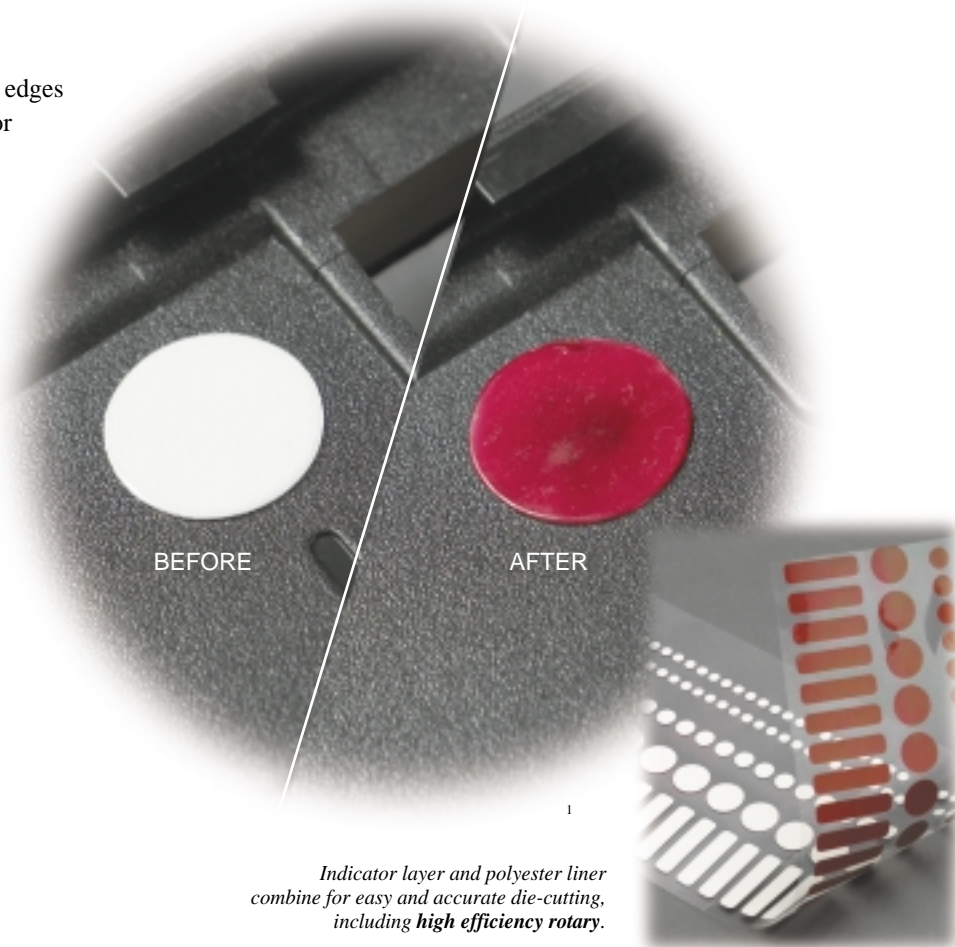




# Water Contact Indicator Tape 5557

Clear evidence of water damage to assist warranty claim resolution

When water contacts the edges of this tape, the tape color changes permanently from white to red. In electronic products ranging from mobile phones to MP3 players, you'll have clear evidence of water contact without false identification from high humidity.



*Indicator layer and polyester liner combine for easy and accurate die-cutting, including high efficiency rotary.*

Each layer of this multiple layer tape is engineered for specific performance.

#### **Indicator layer:**

- Absorbs water quickly and draws up color to be visible through transparent top film
- Withstands heat and humidity without changing color

#### **Transparent PET top film:**

- Thermal, flexographic, and screen print images on film show against white backing

- Protects indicator layer from soiling and moisture during handling

#### **3M™ acrylic adhesive:**

- Resists UV, chemicals, and temperature
- Bonds with high strength to most substrates including low surface energy plastics such as polypropylene and powder coatings

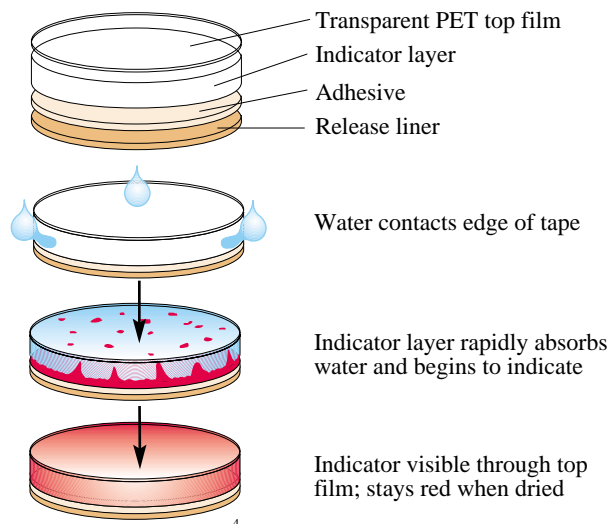
#### **Polyester liner:**

- Combines with indicator layer for die-cutting ease and accuracy

#### **Application ideas:**

- Mobile phones
- PDAs, personal communicators, and pagers
- MP3, game, and CD players
- 2-way radios and cordless phones
- Digital, film, and video cameras
- Laptop computers and keyboards
- Li-MH batteries and chargers
- Other portable electronic devices

# 3M™ Water Contact Indicator Tape 5557



## Product Construction

Top Film	Backing	Adhesive	Color	Standard Roll Length
Polyester	Indicator Layer	Acrylic	White	12" x 180 yds

## Typical Physical Properties

**Adhesion, ozs/in** (ASTM-D3330, 90° Peel Adhesion, 72 hr dwell)

Stainless Steel: 82 ozs/in (88 N/100 mm)

Polycarbonate: 47 ozs/in (52 N/100 mm)

**Thickness** (ASTM D-3652):

Tape: 0.0090" (0.229 mm)

Release Liner: 0.0020" (0.051 mm)

**Humidity Resistance<sup>1</sup>** (55°C, 95% R.H.)

0 hrs exposure      7 days      After water contact



<sup>1</sup>Tape is applied to polycarbonate panel and hung vertically in heat/humidity chamber.

**Note:** The above technical information and data should be considered representative or typical only and should not be used for specification purposes.

## For additional product information or sales assistance, contact:

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