

## Water Indicative

**Item number:** **K050WDG** (Green), **K050WDT** (Turquoise)

### Description:

50-micron white polyester film coated with a printable colored topcoat giving irreversible color change on contact with liquid.

### Suitable for printing with:

- Conventional printers
- Laser
- Thermal transfer (subject to ribbon compatibility)

### Benefits:

- Distinct and irrevocable color change on direct contact with moisture (green to yellow, turquoise to pale blue)
- Does not react to ambient humidity
- Custom colors available

### Applications:

- Water-indicative labels

**Product Specifications:** \*Preliminary Information\*\*Product is under development and values are based on preliminary results.

PROPERTY	TEST METHOD	K050WDG, K050WDT	
Appearance	-	<b>K050WDG:</b> Green <b>K050WDT:</b> Turquoise	
Thickness	-	<b>50</b> <b>2</b>	[micron] [mil]
Area Yield	-	<b>13.9</b>	[m <sup>2</sup> /kg]
Tensile Strength	ASTM D-882-83	MD <b>15 ± 5</b>	TD <b>20 ± 5 [Kgf/mm<sup>2</sup>]</b>
Elongation at Break	ASTM D-882-83	MD <b>130 ± 30</b>	TD <b>70 ± 30 [%]</b>
Shrinkage	30 min at 150° C	MD <b>2.0 ± 1.0</b>	TD <b>0.5 ± 1.0 [%]</b>
Humidity Testing	After 7 days @50°C 90%RH	No change	



# LABEL FACE FILMS

*Preliminary Information\**

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