

## ZB100 FCC Labelling Detail

**SELF-ADHESIVE** ROLLS

**FACE** **PP WHITE TC 60**

**FILMIC** 5N (sales code)

**Product** White, glossy, biaxially oriented, cavitated, top coated polypropylene film.

**Use** For product labelling in applications where resistance against water, oil and chemicals is important. E.g. labelling toiletries and cosmetics. Suitable for thermal transfer overprinted information labels.

### Typical technical values

<b>Substance</b>	45	g/m <sup>2</sup>	DIN 53352
<b>Caliper</b>	60	µm	DIN 53370
<b>Elongation MD</b>	165	%	DIN 53455
<b>Elongation CD</b>	50	%	DIN 53455
<b>Tensile strength MD</b>	110,0	N/mm <sup>2</sup>	DIN 53455
<b>Tensile strength CD</b>	165,0	N/mm <sup>2</sup>	DIN 53455
<b>Opacity</b>	80	%	DIN 53146/1
<b>Gloss</b>	65	%	DIN 67530/1 60°
<b>Printability</b>	Flexography, screen, letterpress and offset. Special inks designed for non-absorbent materials should be used. Thermal transfer with selected ribbons.		
<b>Advantages</b>	Very high gloss. Good dimensional stability. Contains no plasticizers. High tensile strength, tear strength and stiffness. Good register control.		
<b>Shelf life</b>	Laminate with RP37 and RR28 adhesives 2 years if stored at room temperature (+20 °C), RH 50% in original packaging and protected from light. Maximum storage temperature is +35 °C.		
	Laminate with RH 1 and RP50 adhesives 1 year if stored at room temperature (+20 °C), RH 50% in original packaging and protected from light. Maximum storage temperature is +35°.		

**ADHESIVE RH 1****PERMANENT** RH01 (sales code)**Type** Permanent adhesive.**Composition** Rubber, hotmelt.**Use** Recommended for use in cold environment, particularly if the application surface is moist or if very high initial adhesion is required. Good low temperature performance once labelled. Very good adhesion to non-polar surfaces.**Typical technical values**

<b>Tack min</b>	14	N	FTM 9
<b>Shear min</b>	3,0	h	FTM 8
<b>PE-looptack min</b>	10	N	modified FTM 9
<b>Labelling temperature min</b>	-5	°C	
<b>Service temperature min</b>	-40	°C	
<b>Service temperature max</b>	50	°C	
<b>Limitations</b>	Not suitable for labelling of plasticised PVC.		
<b>Additional info</b>	Approval: The raw materials conform to FDA 21CFR 175.105 (indirect food contact). The research centre ISEGA has given the adhesive approval for direct contact with dry and moist non-fatty foods.		
<b>Shelf life</b>	Two years from the date of manufacture in +20°C and RH 50%.		

The FFC ID Label is only required and valid for Antenova (GigaAnt) Rufa Chip Antenna, and Reverse Polarity SMA connector models.

**FCC ID:** will not be present on any SMA Antenna connector builds.

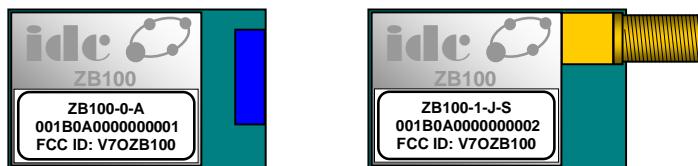
**Label Material:**

**ACTUAL SIZE:**

**Examples:**

**Rufa Chip Antenna**

**RP-SMA Bulkhead**



**ENLARGED FOR DETAIL:**

