

## **PRODUCT REFERENCE: 155/90**

## **POLYPROPYLENE SAFETY BACKING FILM.**

### **DESCRIPTION**

*A biaxially oriented polypropylene safety backing tape, coated with a special acrylic based pressure sensitive adhesive. It has high tack, high adhesion and excellent holding power. Available in Clear, Black and White (Black and white only available on special orders of 5000M2 and are subject to minimum 16 week lead time)*

*Tested as B.S. 6206 class B & C for mirror safety backing.  
Approved Wintech certificate number R2830/08/1824*

*Conforms to BSEN 12600 2B2 and 2C2 ( clear only)*

### **TEST METHODS**

<i>Adhesion</i>	<i>-PSMA DST - 1</i>	<i>(20 minute &amp; 24 hour dwell)</i>
<i>Tensile Strength</i>	<i>-PSMA DST - 5</i>	<i>(5mm x 100mm Test Area)</i>
<i>Elongation</i>	<i>-PSMA DST - 5</i>	<i>(5mm x 100mm Test Area)</i>
<i>Shear</i>	<i>-PSMA DST - 2</i>	<i>(1 kg)</i>

### **RESULT**

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<i>Tape</i>	<i>Thickness</i>	<i>Micron</i>	<i>91</i>
<i>Adhesive</i>	<i>Thickness</i>	<i>Micron</i>	<i>30</i>
<i>Polypropylene</i>	<i>Thickness</i>	<i>Micron</i>	<i>61</i>
<i>Tensile</i>	<i>Machine Direction</i>	<i>N/cm</i>	<i>75.6</i>
<i>Tensile</i>	<i>Cross Direction</i>	<i>N/cm</i>	<i>168.0</i>
<i>Elongation</i>	<i>Machine Direction</i>	<i>%</i>	<i>161</i>
<i>Elongation</i>	<i>Cross Direction</i>	<i>%</i>	<i>43</i>
<i>Adhesion</i>	<i>20 Minutes</i>	<i>7.5N/25mm</i>	

<i>Adhesion</i>	<i>24 Hours</i>	<i>11.5N/25mm</i>
<i>Shear</i>	<i>1 Kg</i>	<i>Hours &gt;100</i>
<i>Application temperature</i>		<i>+10°C - +23°C</i>

***NOTE***

*All technical data is based on average values. Statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection herewith.*

*Most people think that self adhesive tapes are a simple mechanical product, IN FACT they are a very complex chemical system to meet the needs of modern industry.*

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