



Springpack Limited, Unit 1 Berkeley  
 Business Park, Wainwright Road  
 Worcester, WR4 9FA  
 Tel 01905 457 000  
 Email enquiries@springpack.co.uk  
 Visit www.springpack.co.uk

SKU 401150

**TECHNICAL DATA SHEET**

<b>PRODUCT Name/Code :</b>		<b>BOPP tape</b>		<b>FILM THICKNESS (Mic.) &amp; (Mils) :</b>		<b>23</b>	<b>0.91</b>
<b>TAPETHICKNESS : (Mic.) &amp; (Mils)</b>		<b>45</b>	<b>1.77</b>				
<b>TAPE COLOUR :</b>		<b>BROWN</b>		<b>ADHESIVE THICKNESS : (Mic.) &amp; (Mils)</b>		<b>22</b>	<b>0.87</b>
Sr. No.	PARAMETERS & TOLERANCES	METRIC UNIT MEASUREMENT		STANDARD UNIT MEASUREMENT		TEST PROCEDURE	
		SPECIFICATION	UNIT	SPECIFICATION	UNIT		
1	<b>180° PEEL ADHESION (Max,Min 10%)</b>	620	Gms./2.5 cms.	21.87	oz./1' inch	AFERA 5001	
2	<b>BREAKING STRENGTH (Max,Min 10%)</b>	7	Kgs/2.5 cms.	15.43	lbs./1' inch	AFERA 5004	
3	<b>ELONGATION (Max,Min 10%)</b>	170	%	170	%	AFERA 5004	
4	<b>SHEAR STRENGTH ON PAPER (Minimum)</b>	105	Minutes	1.75	Hours	AFERA 5012	
5	<b>ROLLING BALL TACK (± 2 Cms.)</b>	9	Cms.	354	Mils	PSTC-6	
6	<b>UNWINDING TENSION (± 50 Gms.)</b>	500	Gms/2.5 cms.	17.64	oz./1' inch	--	
<b>ADHESION TEST CONDITIONS (ACCORDING TO AFERA 5001) :</b>						<input checked="" type="checkbox"/>	
-> Test specimens should be 24mm min. wide, 300mm long, unwinded from rate of 500 to 750 mm/s, room temperature 27°. -> Stainless steel plate should be 150mm long, 2mm thick, 50mm width, and cleaned by MEK(methyl ethyl ketone) for every test.							
<b>ROLLING BALL TACK TEST CONDITIONS (ACCORDING TO PSTC-6) :</b>						<input checked="" type="checkbox"/>	
-> A teste specimens should be 24mm wide, approximately 300mm long. -> Rolling ball should be 11mm (7/16") and clean by MEK(methyl ethyl ketone) for every test. -> A working surface that is level,hard and smooth.							
<b>SHEAR TEST CONDITIONS (ACCORDING TO AFERA 5012) :</b>						<input checked="" type="checkbox"/>	
-> A steel roller should be 85mm in dia., 45mm width, 6mm thick rubber covered, and 2Kg. Weight. -> Specimens should be 25mm in width. -> specimens should be remove from the roll by unwind rate 500 to 750 mm/s. -> Specimens should be taken between above 3 to below 6 outer wraps. -> Testing area should be 23°C in temperature.							
<b>BREAKING STRENGTH &amp; ELONGATION TEST CONDITIONS (ACCORDING TO AFERA 5004) :</b>						<input checked="" type="checkbox"/>	
-> A test specimens should be 25mm in width, 200mm in length. -> Gauge length should be set on 100mm. -> Specimens should be perfect clamp to the grips of the testing machine. -> Specimens should be taken between above 3 to below 6 outer wraps							