



ZISTA Group

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Shipment No.: 11- PM

# Stretch Film

## Products



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# ***STRETCH Film***

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Stretch Film is made from LLDPE (Linear low-density polyethylene). Stretch Film (know as Stretch Wrap) is a stretchable plastic film that is wrapped around the goods and pallets.

## ***Benefits***

1. Improved Stability of Products
2. Some Degree of Dust Protection
3. Some Degree of Moisture Protection
4. Some Degree of UV protection

## ***Application***

1. Individual or Unifying Packaging of Canned Food
2. Industrial and Household
3. Sanitary Goods
4. Building Industry Products

# ***STRETCH Film***

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## ***Different Types and General Information***

<i><b>ZISTA Stretch Film</b></i>			
<i><b>Item</b></i>	<i><b>Roll With</b></i>	<i><b>Roll Weight</b></i>	<i><b>Pre - Stretch</b></i>
<i><b>Jumbo</b></i>	50 cm	up to 50 kg	130 – 150 %
<i><b>Machine</b></i>	40 – 50 cm	16 kg	130 – 150 %
<i><b>Hand Wrap</b></i>	25 – 50 cm	up to 5 kg	-

***STRETCH Film***

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***ZISTA Specification***

***ZISTA Stretch Film***

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***Stretch Film GP***

***Stretch Film AP***

# STRETCH Film

Specification of Stretch Films GP

<b>Stretch Film GP</b>						
<b>Item</b>	<b>Unit</b>	<b>Film Thickness</b>			<b>Test Method</b>	
		<b>12 <math>\mu</math></b>	<b>15 <math>\mu</math></b>	<b>20 <math>\mu</math></b>		
<b>Density</b>	gr/cm	<b>0.918</b>	<b>0.918</b>	<b>0.918</b>	ASTM D1505	
<b>Yield Strength</b>	<b>MD</b>	mpa	<b>7.7</b>	<b>7.9</b>	<b>8.3</b>	ASTM D882
	<b>TD</b>		<b>7.5</b>	<b>7.7</b>	<b>8.2</b>	
<b>Tensile Strength at Break</b>	<b>MD</b>	mpa	<b>47</b>	<b>46</b>	<b>44</b>	ASTM D882
	<b>TD</b>		<b>18</b>	<b>19.4</b>	<b>23.5</b>	
<b>Elongation Break</b>	<b>MD</b>	%	<b>315</b>	<b>335</b>	<b>400</b>	ASTM D1525
	<b>TD</b>		<b>610</b>	<b>625</b>	<b>680</b>	
<b>Haze</b>	%	<b>1</b>	<b>1</b>	<b>1</b>	ASTM D1003	
<b>Transparency</b>	%	<b>92</b>	<b>92</b>	<b>92</b>	ASTM D1003	
<b>Width</b>	cm	<b>10 – 160</b>	<b>10 – 160</b>	<b>10 – 160</b>	-	
<b>Core Size</b>	inch	<b>1 - 2- 3</b>	<b>1 - 2- 3</b>	<b>1 - 2- 3</b>	-	

# STRETCH Film

Specification of Stretch Films GP

<b>Stretch Film AP</b>					
<b>Item</b>	<b>Unit</b>	<b>Film Thickness</b>		<b>Test Method</b>	
		<b>17 μ</b>	<b>25 μ</b>		
<b>Density</b>	gr/cm	0.918	0.918	ASTM D1505	
<b>Yield Strength</b>	<b>MD</b>	mpa	8.1	ASTM D882	
	<b>TD</b>		8		
<b>Tensile Strength at Break</b>	<b>MD</b>	mpa	47	ASTM D882	
	<b>TD</b>		22		
<b>Elongation Break</b>	<b>MD</b>	%	360	ASTM D1525	
	<b>TD</b>		640		
<b>Dart Drop Impact</b>	Gr		140	155	ASTM D1709
<b>Elemendorf Tear Strength</b>	<b>MD</b>	g/25mic	130	150	ASTM D1922
	<b>TD</b>		300	550	
<b>Puncture Resistance</b>	j/mm		75	80	Sabic Method
<b>Haze</b>	%		2	2	ASTM D1003
<b>Glass at 60 °C</b>	%		85	85	ASTM D523
<b>Width</b>	cm		10 – 160	10 – 160	-
<b>Core Size</b>	inch		1-2-3	1-2-3	-

# ***STRETCH Film***

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## ***Different Colors and Packaging***

<i><b>ZISTA Stretch Film Color and Packaging</b></i>	
<i><b>Film Color</b></i>	<i><b>Packaging</b></i>
<i><b>Transparent</b></i>	<i><b>Stretch Wrapped Wooden or Plastic Pallets</b></i>
<i><b>Black</b></i>	
<i><b>Blue</b></i>	
<i><b>Requested Colors</b></i>	



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