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Blue Discs

Specification

Description	Value	ASTM Test Method
Film thickness	1.0 Mil (0.03 mm)	D-3652
Adhesive thickness	2.0 Mil (0.05 mm)	D-3652
Total thickness	3.0 Mil (0.08 mm)	D-3652
Color	Blue	
Adhesive	Cross-linked silicone	
Breaking strength	50lb / inch (8.9Kg / cm)	
Elongation at break	90%	D-3759
Adhesion to steel	20 oz / inch (22N / 100mm)	D-3330
Temperature range	-60°F to 400°F (-51°C to 204°C)	
Storage conditions	Keep in dry conditions	
Removability	Good to Excellent	
Shear strength	Very high, even at high temperatures	
Tack	Moderate to Excellent	
Humidity resistance	Very good	
UV resistance	Good	
Tolerances	Discs can be cut to $\pm 0.005''$ ($\pm 0.127\text{mm}$)	

General Description

PB Blue Discs are manufactured from PC90 a high temperature film tape used to mask off areas that do not require coating. PB Blue Discs have a silicone adhesive with excellent release properties that will not leave an adhesive residue. Discs are provided on a liner, which is wound on a core.

Recommended for

Powder coating, E-coating, Anodizing.

Availability

In addition to these discs PC90 is available in roll form in a range of imperial and metric widths. This tape is also available as pre-cut rectangles, squares, and donuts. It is also available as die cut shapes.

Storage Conditions

Items should be stored in dry conditions at an ambient temperature of between 55°F (13°C) and 85°F (30°C). It is important to rotate stock and use the product in the order that it is received. Rolls of discs or die cuts should be stored on end.