



# TC 437US

## POLYESTER THERMOPLASTIC FILM ADHESIVE

### KEY FEATURES

- Moderate activation temperature
- Excellent adhesion to textiles
- Good plasticizer resistance

### DESCRIPTION

Bostik's TC 437US is a thermoplastic, copolyester film adhesive for product assembly and automotive interior applications. With moderate activation temperature and fast set speeds, it helps keep production energy usage to a minimum and lines running smoothly. Additionally, it possesses good temperature and plasticizer resistance which improves end-use product durability. TC 437US also bonds to a variety of textiles along with vinyls and foams, to increase design options.

### PACKAGING

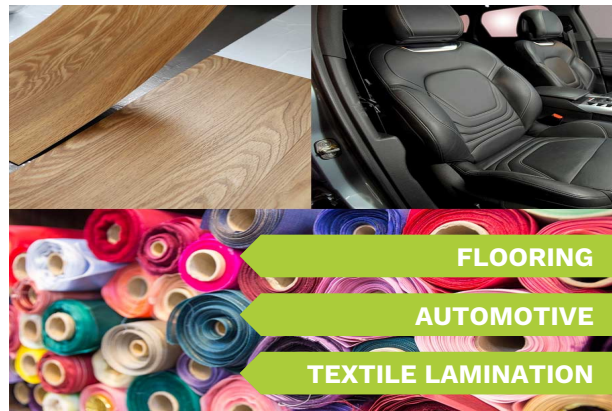
TC 437US film is sold in roll form. Rolls are typically 2000 linear meters long rolls on a 152 mm (6 IN) inner diameter core. For further packaging details please contact your Bostik sales or technical representative.

### SHELF LIFE

TC 437US must be stored away from heat (< 30°C/86°F), humidity and light. The shelf life is 12 months under these conditions.

### HEALTH AND SAFETY PRECAUTIONS

Please refer to Safety Data Sheet for complete details.



### TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance	Transparent film
Thickness	20 microns (0.8 mils) <sup>1</sup>
Width	1290 mm (51 IN) <sup>1</sup>
DSC Melting Range	120-135°C / 248-275°F
Tensile Strength	~18 MPa (2600 PSI) <sup>2</sup>
Elongation at Break	400-500% <sup>2</sup>
Density	1.24 g/cm <sup>3</sup>

<sup>1</sup> For more options please contact your Bostik sales or technical representative

<sup>2</sup> Tested following internal procedure at 100 mm/min

### APPLICATION TECHNIQUES

TC 437US can be activated by applying heat and pressure to the film against the substrate. This can be done using a heat press, but other equipment can be used.

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BOSTIK HOTLINE

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