

TECHNICAL SPECIFICATIONS



TEMCOAT COVER

THERMAL PALLET PROTECTION

The **Temcoat Cover TCE** uses a unique five layered design to ensure that palletized cargo remains protected from extreme temperatures and fluctuations.

	TEST METHOD	RESULT	
MATERIALS		ALU FOIL 18g/m ² + PE FILM 20g/m ² + PE WOVEN 60g/m ² + PE FILM 20g/m ² + ALU PE FILM 18g/m ² ALU FOIL 0.42oz/ft ² + PE FILM 0.47oz/ft ² + PE WOVEN 1.42oz/ft ² + PE FILM 0.47oz/ft ² + ALU PE FILM 0.42oz/ft ²	
THICKNESS	ASTM D374	0.15mm	0,006 inches
WEIGHT	ASTM D3776	126.1g/m ²	2.99lbs/ft ²
TENSILE STRENGTH	ASTM D5034	LONGITUDAL: 156.22kgf LATITIDUAL: 148.16kgf	LONGITUDAL: 344.40lbf LATITIDUAL: 326.65lbf
TEAR RESISTANCE	ASTM D624	LONGITUDAL: 17.84kgf LATITIDUAL: 16.62kgf	LONGITUDAL: 39.34lbf LATITIDUAL: 36.64lbf
HEAT RESISTANCE	ISO 4892.3-2006	≥85 °C for 1 hour without sign of melting/damage	≥185 °F for 1 hour without sign of melting/damage
REFLECTIVITY	ASTM C-1224-03	≥97%	
STEAM TRANSMISSION RATE	ASTM E96	0.01g/m ² .day	0.00023lbs/ft ² .day
EMISSIVITY	ASTM E408	10%	