

## Technical Data Sheet

### PT-30

The foil is sealable against non-woven material.

#### 1. Production procedure:

Aluminium foil is coated with a heat sealing film in accordance with the dry lamination procedure.

#### 2. Composite structure:

- 2.a base Al-foil as agreed thickness from 25 - 500  $\mu$   
2.b sealing layer PT-30 Thermoset AL-Composite PU/Phenolic (<0.3%) Blend

#### 3. Size:

Lengths and widths as agreed

#### 4. Product properties:

Property	Measured value	Unit	Method of testing
Sealing temperature	170-200 338-392	$^{\circ}$ C $^{\circ}$ F	
Tensile strength TD**	> 30	N/mm <sup>2</sup>	DIN EN ISO 527-1/3
Elongation TD**	> 10	%	DIN EN ISO 527-1/3

Note: Test data obtained from suppliers' technical data sheet and does not reflect any internal testing by PECTEC. All testing should be completed by customer with their substrate and validated at the customer's facility.

PT-30/Scrim\* Pressured with 170-200  $^{\circ}$ C 338-392  $^{\circ}$ F, 35-90 s depending on the substrate , 2.0 kg/cm<sup>2</sup>

\*\* values depend on the used aluminium thickness, here measured on smooth unembossed composite

#### 5. Note:

The best conditions for a good bonding should be done by the customer with their substrate.

#### 6. Shelf life:

6 months in closed rooms with dry conditions (max. 65% relative air moisture) protected against direct sun/uv radiation with temperature 5 - 30  $^{\circ}$ C / 41 - 86  $^{\circ}$ F .

#### 7. Form of Delivery:

-smooth or embossed

- perforated with 5 holes/cm<sup>2</sup> or other perforation as agreed
- on coils
- width: 20 to 1250 mm
- coil size as agreed
- Format (sizes): up to:1250 x 2000 mm
- die cut
- 3D parts