

Technical Data Sheet

PT-20

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 μ

2.b sealing layer The PT-20 has PUR resin 30 g/m² that is a Thermoplast with cross-linking properties

3. size:

lengths and widths as agreed

4. Product properties:

Property	Measured value	Unit	Method of testing
Sealing temperature	170-200 338-392	°C °F	
Tensile strength TD**	> 30	N/mm ²	DIN EN ISO 527-1/3
Elongation TD**	> 10	%	DIN EN ISO 527-1/3
Bonding strength			
AL/sealing layer	Material break	N/15 mm	DIN 53357
PTS-20/Vlies*	Material break	N/15 mm	DIN 53357

PTS-20/Vlies* Pressured with 170-200 °C 338-392 °F, 35-90 s depending on the substrat , 2.0 kg/cm²

** values depend on the used aluminium thickness, here measured on smooth unembossed composite material with 50 μ Al foil

5. Note:

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

6. Shelf life:

6 month in closed rooms with dry conditions (max. 65% relative air moisture) protected against direct sun/uv radiation with temperature 5 - 30 °C / 41 - 86 °F .

7. Form of Delivery:

- smooth and embossed
- perforated with 5 holes/cm² 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 cutted
- 3D – Parts