

**TECHNICAL DATA****PE-T/L**

Polyethylene, cellfoam with closed cells  
laminated with permanent synthetic rubber resin adhesive

| <b>Physical Property</b>  | <b>Test Method</b> | <b>Unit of measure</b>    |
|---|--------------------|---------------------------|
| <b><u>PE- polyethylene cellfoam</u></b>   |                    |                           |
| Color   |                    | grey                      |
| Density   | DIN 53420          | 28 kg/m <sup>3</sup>      |
| Tensile strength  | DIN 53571          | 28 N/cm <sup>2</sup>      |
| Elongation  | DIN 53571          | 157 %                     |
| Tear resistance   | DIN 53575          | 1,39 N/mm                 |
| Compressive strength  | DIN 53577          | 73 kPa                    |
| Thermal conductivity (+10°C)  | DIN 53612          | 0,038 W/(Km)              |
| Water absorption (Max weight change, 24h)   | DIN 53428          | < 1 % vol                 |
| Water vapour transmission   | DIN 53429          | 1,55 g/(m <sup>2</sup> d) |
| Temperature range (constant)  |                    | -50 °C +90 °C             |
| Temperature range (intermittent)  |                    | +95 °C                    |
| <b><u>Tape</u></b>  |                    |                           |
| Color   |                    | havana                    |
| Thickness   |                    | 0,06 mm                   |
| Easy release silic.paper liner thickness  |                    | 0,085 mm                  |
| Tape thickness total  |                    | 0,145 mm                  |
| Service temperature   |                    | -40 °C +110 °C            |
| short term  |                    | +130 °C                   |
| Recommended application temperature   |                    | +10 °C +25 °C             |
| 180 degree peel adhesion N/m  |                    | <u>20min</u> <u>24h</u>   |
| (rigid polypropylene)   |                    | 730 1000                  |
| Shelf life (at 18-22°C, 30-70 % relat.humidity,<br>out of direct sunlight, in original packaging) |                    | 24 months                 |

*NB! The technical data represents typical values and should not be understood as specification values.  
The above data should only be used as a guideline. For applications which involve special demands separate testing and evaluation should be performed before choosing the correct material. Tolerance norms for dimensional accuracy are supplied on a separate data sheet.*