

TECHNICAL DATA**PE-T/L**

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

Physical Property	Test Method	Unit of measure
<u>PE- polyethylene cellfoam</u>		
Color		grey
Density	DIN 53420	28 kg/m ³
Tensile strength	DIN 53571	28 N/cm ²
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 ² d)
Temperature range (constant)		-50 °C +90 °C
Temperature range (intermittent)		+95 °C
<u>Tape</u>		
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, out of direct sunlight, in original packaging)		24 months

NB! The technical data represents typical values and should not to 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.