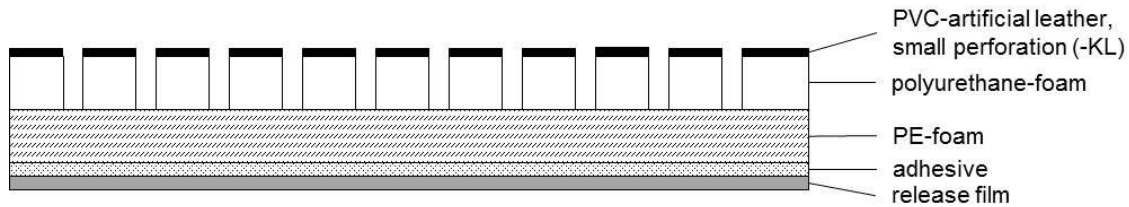


## Technical Data Sheet

## S 3004/...-L/...-KL



S 3004/...-L/...-KL is a material combination of a polyethylene foam (thickness approx. 5 - 15 mm) covered with a perforated composite (thickness approx. 5 - 10 mm, small holes (-KL)) made of a polyurethane foam (polyester) and a PVC artificial leather (RAL-colours) as a protective and decorative surface. Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data			
<b>Type (S 3004/...-L/RAL-leather colours-KL)</b>			
<b>HE</b>	- light ivory (RAL 1015)	<b>3-3-L/...-KL</b>	<b>3-5-L/...-KL</b>
<b>SIG</b>	- silver grey (RAL 7001)		
<b>ZG</b>	- tent grey (similar RAL 7010)		
<b>SW</b>	- black (RAL 9011)		
Thickness (approximate)	[mm]	6.0 ± 1.0	8.0 ± 1.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.14 ± 0.1	1.25 ± 0.1
Thermal stability	[°C]	100	
Cold resilience	[°C]	- 40	
Heat conductivity DIN 52 616	[W/mK]	0.038 (PE-foam)	
Compression resistance ISO 3386-1 (at 10 % compression)	[kPa]	23 (PE-foam)	
Combustibility ISO 3795	[mm/min]	burn rate < 100	

## Technical Data Sheet

## S 3004/...-L/...-KL

Technical Data				
<b>Type (S 3004/...-L/RAL-leather colours-KL)</b>				
<b>HE</b>	- light ivory (RAL 1015)	<b>5-5-L/...-KL</b>	<b>5-10-L/...-KL</b>	<b>5-15-L/...-KL</b>
<b>SIG</b>	- silver grey (RAL 7001)			
<b>ZG</b>	- tent grey (similar RAL 7010)			
<b>SW</b>	- black (RAL 9011)			
Thickness (approximate)	[mm]	10.0 ± 1.0	15.0 ± 1.0	20.0 ± 1.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.30 ± 0.1	1.38 ± 0.1	1.52 ± 0.1
Thermal stability	[°C]	100		
Cold resilience	[°C]	- 40		
Heat conductivity DIN 52 616	[W/mK]	0.038 (PE-foam)		
Compression resistance ISO 3386-1 (at 10 % compression)	[kPa]	23 (PE-foam)		
Combustibility ISO 3795	[mm/min]	burn rate < 100		

Technical Data			
<b>Type (S 3004/...-L/RAL-leather colours-KL)</b>			
<b>HE</b>	- light ivory (RAL 1015)	<b>10-10-L/...-KL</b>	<b>10-40-L/...-KL</b>
<b>SIG</b>	- silver grey (RAL 7001)		
<b>ZG</b>	- tent grey (similar RAL 7010)		
<b>SW</b>	- black (RAL 9011)		
Thickness (approximate)	[mm]	20.0 ± 1.0	50.0 ± 2.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.5 ± 0.15	2.33 ± 0.2
Thermal stability	[°C]	100	
Cold resilience	[°C]	- 40	
Heat conductivity DIN 52 616	[W/mK]	0.038 (PE-foam)	
Compression resistance ISO 3386-1 (at 10 % compression)	[kPa]	23 (PE-foam)	
Combustibility ISO 3795	[mm/min]	burn rate < 100	

**Other material thicknesses on request!**

## Technical Data Sheet

## S 3004/...-L/...-KL

<b>Main function:</b>	Heat insulation, thermoliner, airborne sound absorption (absorption)
<b>Applications:</b>	Vehicle cabs, inner lining, impact protection etc.
<b>Processing:</b>	The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll. Processing temperature: 18 - 25 °C
<b>Option:</b>	Various material thicknesses and surface colours from artificial leather are available on request.
<b>Storage conditions:</b>	Dry at temperatures between 18 - 25 °C Max storage time 6 months
<b>Delivery forms:</b>	Standard boards 1,290 x 2,000 mm (usable approx. 1,270 x 2,000 mm) untrimmed, other sizes and cut-to-size pieces upon request.

The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.