

## General

SS

Material Properties	Data and values	Standard
Material description	Hard PVC Antistatic (PVC-U AS)	
Material thickness and tolerances	1 - 20 mm	ISO 2768-m
Vulcanization method	Extruded sheet	
Temperature range	-15 °C / +60 °C	
Specific gravity	1.45 g/cm <sup>3</sup>	ISO 1183
Hardness	Shore D 80	ISO 868
Volume resistivity	10 <sup>6</sup> – 10 <sup>9</sup> Ω·cm	IEC 60093
Surface resistance	≤ 10 <sup>9</sup> Ω	IEC 60093
Tensile strength	45 – 50 MPa	ISO 527
Elongation at break	15 – 25 %	ISO 527

## Resistance

Type	Degree of resistance
Water and moisture	Excellent
Diluted acids and alkalis	Excellent
Concentrated acids	Moderate
Oils and greases	Moderate
Solvents	Limited
UV and weather resistance	Limited (indoor use recommended)