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Material Specification Sheet

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Clear Flexible PVC (Food Contact)

General Information

A clear flexible material, sometimes with a blue tint in appearance.
PVC has excellent oil, grease, fuel and weather resistance features.
Commonly used in protective screens, draught curtaining and kickboards.
A hard wearing a durable material.

Thicknesses Available

0.8mm-25mm

Finish

Smooth

Sheet Size (5m, 10m, 20m)

1000mm: 1500mm

Coil Size (50m)

200mm

Property	Standard	Unit	Value
Shore A hardness	EN ISO 868	Sh A	80
Tearing resistance	DIN 53515	N/mm	50
Tensile strength at break	ASTM D 638 EN ISO 527	N/mm ²	16
Elongation at break	ASTM D 638 EN ISO 527	%	340
Residual elong. (after break)	ASTM D 638 EN ISO 527	%	68
Thermal conductivity	ASTM C 177	W/m.K	0.16
Cold bend brittle temp.	ISO 8570	°C	-35
Min/Max usage temp.	EN 1876	°C	-15/+50
Vicat softening temp.	EN ISO 306	°C	50
Specific heat capacity	ISO 11357	kJ/kg.K	1.6
Sound reduction	DIN 52210	dB	>35
Reaction to fire	EN 13501-1:2007	-	-
Light transmittance	ASTM D 1003	%	85
Welding protection	EN 1598	-	-
UV resistance	ISO 4892	-	YES
Surface resistivity	ASTM D257	10 ¹⁰ Ω	30
Anti-insect	-	-	-
Water absorption	EN ISO 62	%	-0.2
Density	ASTM D 792	g/cm ³	1.22

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied

