

PRODUCT DATA SHEET

PRODUCT IDENTIFICATION

Product: **PVC Strip**

Surface shape: **Flat**

Designation: **Low Temp Reinforced**

THIS PRODUCT MEETS ALL RELEVANT FEDERAL STANDARDS AND REGULATIONS FOR USE IN FOOD FACILITIES

PACKAGING

Cardboard Carton and PVC Film
 Identity & Traceability labels on each roll: 1 External & 1 Internal
 Each roll specifically numbered

TECHNICAL SPECIFICATIONS

PROPERTY	Standard	Unit	Value	Description
Shore A hardness	EN ISO 868	Sh A	72	Index based on a flat indenter's penetration depth. Scale from 0 (Soft) to 100 (Hard).
Tearing resistance	DIN 53515	N/mm	28	Minimum tensile stress required to tear a pre-slit sample.
Tensile strength at break	ASTM D 638	N/mm ²	12	Maximum tensile stress that a material can be subjected to before break.
Elongation at break	EN ISO 527	%	390	Elongation of the specimen at the break point under tensile stress.
Residual elong. (after break)	ASTM C 177	W/m:K	76	Permanent elongation of the specimen measured after rupture in a tensile test.
Thermal conductivity	ISO 8570	°C	0.16	Ability to conduct heat. The Lower it is, the more insulation.
Cold bend brittle temperature	EN 1876	°C	-55	Temperature at which the specimen break under torsion stress. Brittle point (CLASH & BERG).
Usage temp. range	EN ISO 306	°C	-25/+30	Temperature range where material keep its mechanical properties (flexibility).
Vicat softening temp.	ISO 11357	°C	48	Temperature at which the specimen is penetrated to a depth of 1 mm by a 1 kg flat indenter of 1 sq. mm.
Specific heat capacity	DIN 52210	kJ/kg.K	1.6	Heat energy required to increase the temperature of one kilogram of the material by one degree Celsius.
Sound reduction	NF P 92-507 AS/NZS 3837 DIN 4102	dB	>35	Average sound level (freq. 0, 1 to 3,2 KHz) decreased by a 1,76 sq.m. and 5 mm thick PVC curtain.
Reaction to fire	ASTM D 1003	Grade	-	Standard classifications of material self-extinguishing and resistance to combustion.
Light transmittance	EN 1598	%	85	Visible light rate transmitted through the material.
UV/IR filter	ISO4892	Filter	-	Ability to filter welding rays allowing the use of this material as a welding protection screen.
UV resistance	IEC 61087	-	Yes	Ability of the product to resist to UV ageing.
Charge buildup	IEC 60093	Sparks	Yes	Earthed sample is rubbed with cotton, acrylic and nylon rubbers. At electrode approach, spark appears or doesn't.
Surface resistivity	EN ISO 62	10 ¹² Ω/□	40	Material surface electric resistivity measured with a 500 V direct voltage.
Water absorption	ASTM D 792	%	-0.2	Material mass variation after exposure to humid conditions. (<0 if released / >0 if absorbed)
Density		g/cm ³	1.18	Mass per unit volume

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