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Industrial PVC

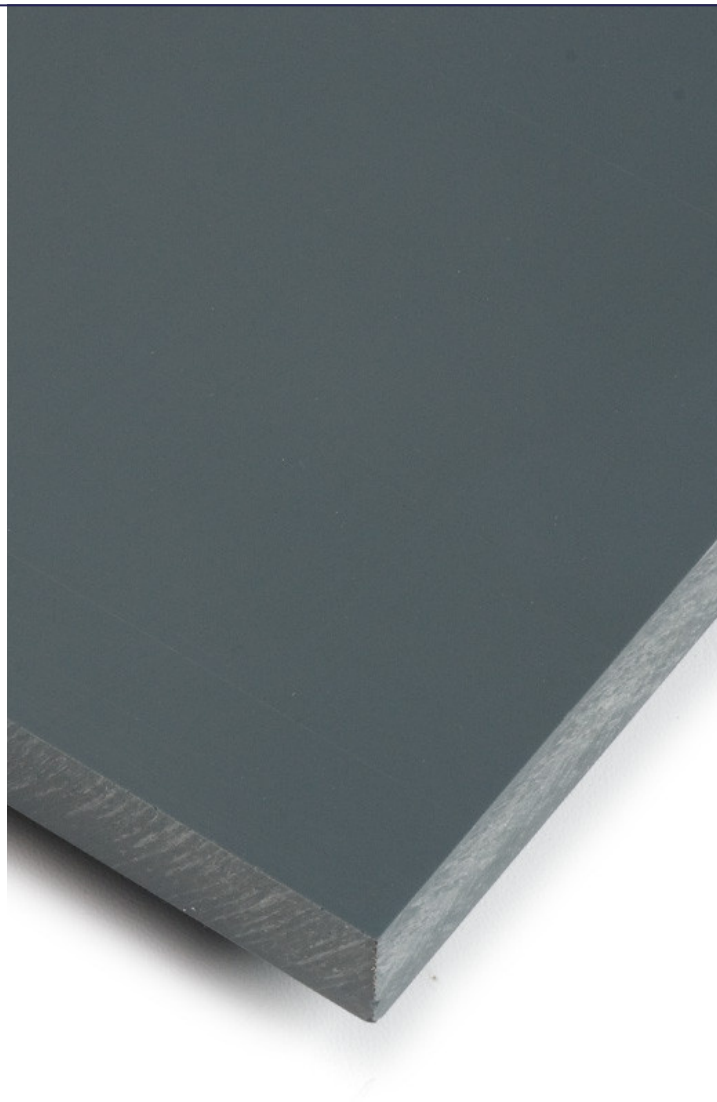
Polyvinlyl chloride

Description

Industrial PVC Sheets offer high strength, rigidity and chemical resistance**.** It displays good chemical properties, fulfils various standards in respect to low flammability and is highly versatile when it comes to processing.

PVC is perfect for use in a wide range of applications including adverting and construction. PVC is also popular as a thermoforming material.

Industrial PVC offers exceptional strength and rigidity, as well as good resistance when exposed to organic and inorganic chemicals as well as oxidising media alongside being UV-stabilised and weather resistant



Uses

- Chemical installations
- Livestock farming and agriculture
- Pharmaceuticals and bioindustry
- Advertising

Basic info

- ✓ High rigidity
- ✓ Chemical resistance
- ✓ UV Resistance
- ✓ Weather resistant

Technical Data

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Availability

Colour	Gauge (mm)	Sheet Size (mm)
Grey	2.00	2440 x 1220
	3.00	2440 x 1220
	4.50	2440 x 1220
	6.00	2440 x 1220
	10.00 *	3050 x 1500*
	12.00 *	3050 x 1500*
	15.00 *	3050 x 1500*
*By Special request only		

Technical Properties

	Test method	Dimension	PVC-CAW
Density	DIN 53479	g/cm^3	1.42
Bending E-Modulus	DIN 53457	N/mm^2	3000
Yield stress	DIN 53455	N/mm^2	58
Elongation at tear	DIN 53455	%	15
Impact strength	DIN 53453	kJ/m^2	without break
Notched impact strength	DIN 53453	kJ/m^2	4
Indentation hardness H 358130	DIN 53456	N/mm^2	130
Shore hardness D	DIN 53505	-	82
Vicat softening temp. BJ50	DIN 53460	K (°C)	351(78)
Average thermal coefficient of expansion	DIN 53752	K^{-1}	$0.8\ 10^4$
Thermal conductivity*	DIN 52612	W/mK	0.159
Dielectric strength** method K 20/P 50	DIN 53481	kV/mm	39
Spec. volume resistance ring electrode	DIN 53482	Ohm cm	$> 10^{15}$
Surface resistance electrode A	DIN 53482	Ohm	10^{13}
Tracking resistance method KC	DIN 53480	V	> 600
Dielectric constant at at 300 - 1000 Hz at $3.1O^5$Hz	DIN 53483	-	3.2 3.0
Dielectric loss factor at 300 Hz at 1000 Hz at 3 - 10^5Hz	DIN 53483	-	0.03 0.02 0.02
*Measured on test pieces 10mm Thick **Measured on test pieces 1mm Thick			

***The results of this Data sheet are just for information or comparison purposes only and should be used as a guide. This information is believed to be accurate. It is intended for professional end users who have the skills required to evaluate and use the data properly. Cebelio Holdings LTD. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.**

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