

New door solution for refrigerated cabinets

Made by highest quality PET plastic

- Safe
- Light
- Transparent
- 100% Recyclable



TECHNICAL DATA FOR PET DOOR MATERIAL

A-PET CLEAR99

Solid polyester sheet

Your benefits:

- good impact strength
- good fire rating
- suitable for food-contact applications

Solid **A-PET** sheets are made from thermoplastic polyester. They offer high impact strength and a good fire rating. A-pet is resistant to chemicals and fully recyclable.

A-PET clear 099 is a clear-transparent sheet with high light transmission and gloss. A-PET clear 099 can be used for food contact applications.

A-PET NR clear 099 is a transparent sheet with a matt non-reflective finish on one side.

A-PET white 100 is a white sheet that is opaque even in small thicknesses.

A-PET white 130 is a translucent sheet offering good light diffusion combined with a pleasant white colour.

A-PET UV clear 2099 is a clear transparent sheet with UV protection on both sides to prevent visible yellowing.

Applications:

Ideal fields of indoor application for A-PET are:

- P.O.S. (displays, price tag holders, shelf partitions),
- poster glazing,
- poster boards (also backlit),
- direction signs,
- promotional,
- symbols,
- food containers and trays,
- decorative inserts,
- flat machine guards.

The sheets can be machined and screen printed with ease. Owing to the crystallization properties of polyester, the sheet may turn white during thermoforming. Line-bent A-PET sheets show a hinge effect and are ideal for cold folding. For outdoor applications it is recommended to use A-PET UV sheets.

Light Transmission:

Test method according to DIN EN ISO 13468-2. The stated thicknesses are not all available as standard. Please ask us for more information. The stated values are typical values only.

Light transmission in %	0.8	1	1.2	2	3	4	5	6
A-PET clear 099/ A-PET UV clear 2099	90	89	89	88	87	86	85	84
A-PET NR clear 099	88	87	87	86				
A-PET white 100		<2		<1	<1			
A-PET white 130		28	28	28	30			

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Clear Vision Cooling's S-Line, the standard product line, represents a range of certified quality products which offer the reliable solution for most applications.

Available sizes: _____

A-PET is available in thicknesses of 0.8-6 mm and in the following sizes; other sizes, colours and sheet thicknesses on request.

Colours: Sizes (standard): _____

A-PET clear 099 A-PET white 100 A-PET UV clear 2099
A-PET NR clear 099 A-PET white 130

Sizes (standard): _____

2,050 x 1,250 mm
3,050 x 2,050 mm

Food compatibility: _____

A-PET clear 099 can be used for food-contact applications

Permanent Service Temperature: _____

The maximum permanent service temperature without load is approx. 60°C.

Fire Rating(*): _____

Country	Standard	Rating	Thickness	Color
Europe	EN 13501-1	B-s1, d0	0.8 - 5mm 0.8 - 2mm	clear 099 NR clear 099
Germany	DIN 4102	B1 (indoors)	0.8 - 6mm 0.8 - 2mm 1-4mm	clear 099 NR clear 099 white 130
UK	BS 476 Part 7	Class 1Y	1.5 - 6mm	clear 099
France	NF P 92-501 & 505	M2	2-4mm	white 130

Glow wire flammability index, IEC 60695-2-12, in °C (*): _____

	0.8	1	1.2	2	2.5	3	4	5	6
A-PET clear 099	960	960	960	960		960	960		
A-PET NR clear 099		900							
A-PET white 100		900		960					
A-PET white 130		900		960		960	960		