

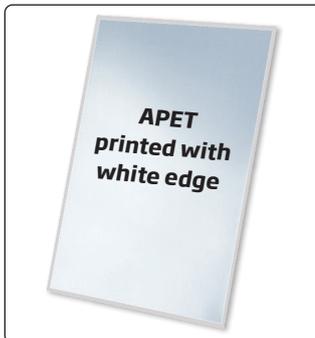
 Transparent APET anti-reflective front panel with magnetic stripes on all edges. 1 cm printed edge in white or black. Available for pavement boards and frames to protect poster. Approx. 0,7 mm thick.

 Transparente APET Antireflex Frontplatte mit Magnetband an allen Kanten. 1 cm Rand in weiß oder schwarz gedruckt. Für Straßenstände und Rahmen zum Plakatschutz. Dicke etwa 0,7 mm.

 Gennemsigtig APET antirefleks frontplade med magnetbånd på alle kanter. 1 cm hvid eller sort trykt kant. Bruges til at sætte i gadeskilte og rammer til beskyttelse af plakat. Ca. 0,7 mm tyk.

Standard size with white edge

Model	Art.	Poster size	Panel size
194	3947	A4 21 x 29,7 cm	24 x 33 cm
194	3946	A3 29,7 x 42 cm	33 x 45 cm
194	3997	A2 42 x 59,4 cm	45 x 63 cm
194	3942	50 x 70 cm	53 x 73 cm
194	3943	A1 59,4 x 84,1 cm	63 x 88 cm
194	3944	60 x 90 cm	63 x 93 cm
194	3945	70 x 100 cm	73 x 103 cm
194	3950	A0 84,1 x 118,9 cm	88 x 123 cm



Special sizes for Expo signs

Model	Art.	Poster size	Panel size
194	3943_B	A1 59,4 x 84,1 cm	62,1 x 86,8 cm
194	3945_B	70 x 100 cm	72,7 x 102,7 cm

Special A1 size for:
Art. 3315, Art. 3315SI, Art. 3335

Special 70 x 100 cm size for:
Art. 3317, Art. 3317SI, Art. 3337



Standard size with black edge

Model	Art.	Poster size	Panel size
194	3932	50 x 70 cm	53 x 73 cm
194	3933	A1 59,4 x 84,1 cm	63 x 88 cm
194	3935	70 x 100 cm	73 x 103 cm



Special sizes for Expo, Gotik Circle & Arcade signs

Model	Art.	Poster size	Panel size
194	3934	A1 59,4 x 84,1 cm	62,1 x 86,8 cm
194	3936	70 x 100 cm	72,7 x 102,7 cm

Special A1 size for:
Art. 3315BL, art. 3335BL, art. 3352
and art. 3401 (Arcade Pavement Board)

Special 70 x 100 cm size for:
Art. 3317BL, art. 3337BL, art. 3353

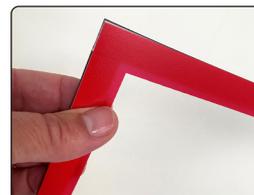


Standard size with red edge

Model	Art.	Poster size	Panel size
194	3937	A1 59,4 x 84,1 cm	63 x 88 cm

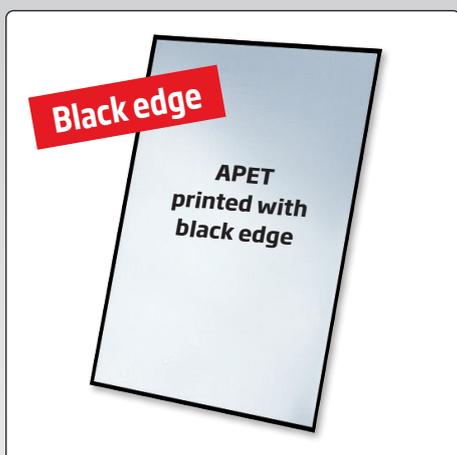
Special size for Expo Sign

Model	Art.	Poster size	Panel size
194	3938	A1 59,4 x 84,1 cm	62,1 x 86,8 cm



Special A1 size for:
Expo Sign
Pavement
Board,
art. 3316





APET frontpanel is a clear-transparent sheet with high light transmission and gloss

Made from thermoplastic polyester. They offer high impact strength, a good fire rating and are suitable for food-contact applications. Resistant to chemicals and fully recyclable.

Applications - ideal fields of indoor application for APET front panels 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, pharmaceutical products, flat machine guards. The front panels can be machined and screen printed with ease. Owing to the crystallization properties of polyester, the sheet may turn white during thermoforming. Line-bent APET frontpanels show a hinge effect. For outdoor applications it is recommended to use APET UV frontpanels.

Light transmission at 0,8 mm thickness

90 %. Test Method according to DIN 5036.

The stated thicknesses are not all available as standard.

The stated value are typical value only.

Permanent Service Temperature

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

Fire Rating

Oxygen index (LOI) 25%, ISO 4589. Fire certificates are limited in time, always check if the mentioned certificate is still valid.

Glow wire flammability index, IEC 60695-2-12, in °C

Fire certificates are limited in time, always check if the mentioned certificate is still valid.

		TEST CONDITIONS	VALUES	UNIT TEST	METHOD
Physical	Density		1.33	g/cm ³	ISO 1183-1
	Moisture absorption	after storage in 23 °C/50% RH	0.2	%	ISO 62-4
		after storage in water at 23 °C	0.5	%	ISO 62-1
	Refractive index	20 °C	1.585	-	ISO 489
Mechanical	Tensile stress at yield		> 55	MPa	ISO 527-2/1B/50
	Elongation at yield		4	%	ISO 527-2/1B/50
	Tensile strength		> 55	MPa	ISO 527-2/1B/50
	Elongation at break		> 25	%	ISO 527-2/1B/50
	Elastic modulus		2500	MPa	ISO 527-2/1B/1
	Limiting flexural stress		ca. 80	MPa	ISO 178
	Impact strength	Charpy, unnotched	no break	kJ/m ²	ISO 179/1fU
	Charpy, notched		ca. 4	kJ/m ²	ISO 179/1eA
	Izod, notched		ca. 3	kJ/m ²	ISO 180/1A
	Thermal	Vicat softening temperature	Method B50	75	°C
Thermal conductivity			0.25	W/m K	DIN 52612
Coeff. of linear thermal expansion			0.05	mm/m K	DIN 53752-A
Heat deflection temp. under load		Method A: 1.80 MPa	63	°C	ISO 75-2
	Method B: 0.45 MPa	70	°C	ISO 75-2	
Electrical	Dielectric strength		60	kV/mm	IEC 60243-1
	Volume resistivity		10 ¹⁵	Ohm·cm	IEC 60093
	Surface resistivity		10 ¹⁶	Ohm	IEC 60093
	Dielectric constant	at 10 ³ Hz	3.4		IEC 60250
		at 10 ⁶ Hz	3.1		IEC 60250
	Dissipation factor	at 10 ³ Hz	0.015		IEC 60250
at 10 ⁶ Hz		0.056		IEC 60250	

