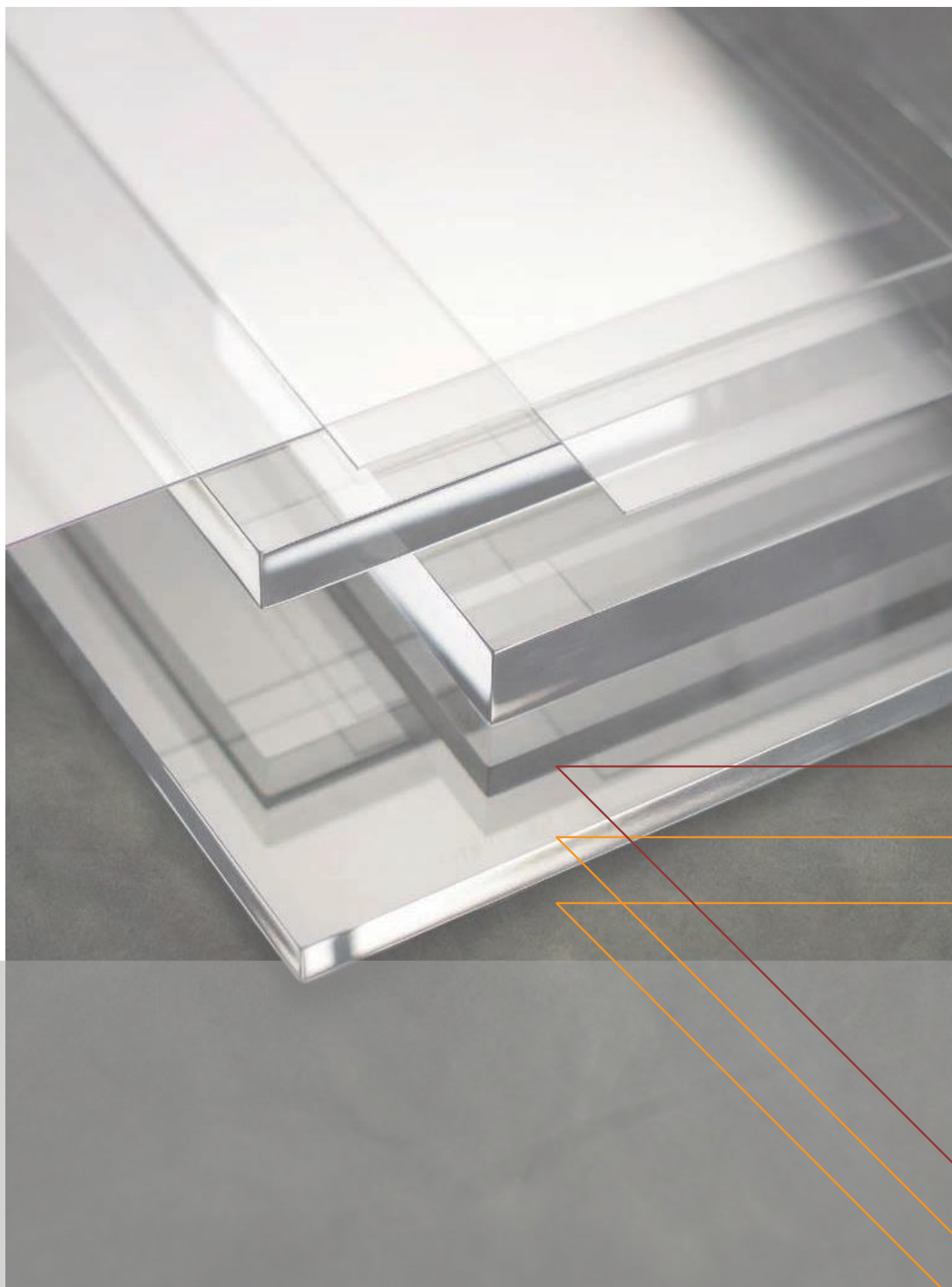


POLILUX-A

Clear PET-A based solid sheets



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N O R D I C
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POLILUX-A

ABOUT PRODUCT

POLILUX-A is premium quality amorphous polyethylene terephthalate (PET-A) mono sheets. Ideally suited to flat and cold bending applications. **POLILUX-A** shows good printability with UV curing inks and is suitable for food applications. **POLILUX-A** is extremely impact resistant also at low temperatures (to -20°C) and shows good outdoor durability in the variant with UV protection.

POLILUX-A sheets are an ideal combination of excellent properties and ecological features amongst fully transparent and translucent alternative sheet materials.

APPLICATION

- Flexible poster coverings
- Unbreakable, retro-printed translucent signs
- Small to medium-sized displays
- Slatwall magazine racks
- Cold food storage elements
- Protective glazing for machinery
- Packaging

ADVANTAGES

- 100% recyclable
- Tough with high impact strength up to -20C
- Good opticality with a light transmission of up to 86%
- Excellent outdoor longevity
- UV protection
- Easy and fast to convert
- Superior to print with UV curing inks
- High chemical resistance

POLILUX-A

DELIVERY CONDITIONS

CHARACTERISTIC	UNIT	VALUE
Thickness	mm	From 1,5 up to 15
Width	mm	Up to 2050
Length	mm	3050 ¹
Color	–	Clear, any other color
Protective film	–	Transparent (both sides) ²

¹ Other lengths available

² Other films or prints available

TECHNICAL SPECIFICATIONS

PROPERTIES	UNIT	VALUE
Density	g/cm ³	1,33
Vicat softening temperature	°C	144
Moisture absorption	%	0,2
Light transmission	%	Up to 86
Tensile Strength	MPa	> 53
Elongation at break	MPa	> 100
Tensile Modulus	MPa	2600
Impact Resistance	Charpy unnotched Charpy notched Izod notched	Non-break ca. 4 ca. 5
Coefficient of linear expansion	mm/m/°C	0,05