

ARYPHAN® (Polyarylate)

Typ	Gauge [mm]	Colour	Properties / Applications	Availability
N 681 EM 1)development product	(0,008) ¹ 0,010 0,020 0,022 0,030 0,040 0,050 0,060 (0,080 – 0,200)*	Yellow	membrane film for loudspeakers, telephone handsets, microphones (thermoformable); electro insulation. *: Gauges thicker than 80 micron on request	S
F 685 GL/EM	0,060 0,080 0,100 0,200	colourless	flame retardant (VTM 0 for gauges $\geq 60\mu\text{m}$), good UV-stability for electric insulators (thermoformed parts and wrap film), high-temperature PSA tapes, interior wall cladding and suspended ceilings glossy types are highly transparent	o.r.

POKALON® (Polycarbonate)

Typ	Gauge [mm]	Colour	Properties / Applications	Availability
N 032EM	0,006 - 0,028	colourless	Dielectric film for capacitors, PC with high molecular weight. Stock of raw material is limited! *: Gauges as requested.	o.r.
N 331 EM	0,040	colourless	ID-cards. security cards, electrical insulating film , graphic applications, (other gauges on request)	S
N 332	0,140 GL 0,200 GL / EM	colourless	equipment labels, lampshades, graphics applications, diagnostic applications	o.r.
N 335 EM	0,060	green	Wrapping film for capacitors (slightly shrinkable)	o.r.
N 343 EM	0,125	yellow	with UV absorber, e.g. diagnostic applications	o.r.
OG 461 GL	0,075 0,090*	colourless	optical quality, e.g. as CD / DVD cover sheet, LCD applications *: other gauges on request	o.r.

Key: **o.r.:** on request
 S: standard

GL: glossy
EM: one side matt
BM: both sides matt
SM: silky matt

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TACPHAN[®] (Cellulose – Triacetate)

Typ	Gauge [mm]	Colour	Properties / Applications	Availability
R 862 SM	0,030 0,040 0,060	blueish	release film for printed circuit board production	S
OG 863 EM	0,025 0,038 0,050 0,125	colourless	defined mattness, screen films for graphics applications, drawing film, labels (other gauges on request)	S
SL 864 EM	0,050 0,140	weiß	Splice leader film, labels	S
N 882 GL	0,028 0,050 0,080 0,190	colourless	cover and protective film, viewing windows, photograph sleeves, safety glasses, labels	S
K 883 GL/EM/SM	0,018	colourless	lamination film, paper lamination	o.r.
AF 896 GL	0,100 0,117	bluish	animation base film	S
AF 897 GL	0,130	colourless	animation base film, with Curl	S
P 90x/91x	0,050 0,080 0,190		polarizer base films tailored to customer requirements (with or without UV absorber, custom colours)	o.r.

Special grades (various polymers)

Grade	Gauge [mm]	Colour	Properties / Applications	Availability
VIOPHAN[®] GS 660 EM	0.050	white	for self-adhesive security labels with low, defined elongation at break	o.r.
TRANSPHAN[®]	0.100 0.188	colourless	optical film for LCD applications	o.r.

Films may, in general, be produced from virtually any soluble plastics. It is also possible to produce the listed films in other colourings. However, minimum quantities apply depending upon the complexity of production. Please contact us if you have any requirements or queries in this respect.

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