

## Formex™ N3

Formex™ polycarbonate film has a unique combination of electrical properties and is chemically and physically robust.

### Properties

Formex™ polycarbonate film is a flame-retardant PC film that achieves a UL 94 flame-retardant rating of VTM-0. It offers excellent formability, superior mechanical properties, good dimensional stability at high temperatures and a high level of flame retardant.

### Application

Formex™ polycarbonate film suitable for use in power supplies, battery-powered equipment and similar applications.

### Standard

RoHS 2011/65/EU.

0.20 to 0.25mm for 130°C thermal class.

UL (E121855).

### Delivery

Total thickness µm:  
100, 127, 200, 250.

Formex™ N3:

- color natural & black

- rolls approx. 610 mm width

### Base

PC(Polycarbonate) film

Typical Data	Unit	Formex™ N3-4	Formex™ N3-5	Formex™ N3-8	Formex™ N3-10
Thickness	mm	0.10	0.127	0.20	0.25
Tolerance	mm	-0.025/+0.025	-0.025/+0.025	-0.03/+0.03	-0.04/+0.04
Density	g/cm <sup>3</sup>	1.21	1.21	1.21	1.21
Tensile yield MD	MPa	49	49	49	49
Tensile yield TD	MPa	47	47	47	47
Heat Deflection Temperature under load	°C	140	140	140	140
Flammability		VTM-0	VTM-0	VTM-0	VTM-0
Dielectric Breakdown	KV	11	12	16	17.5

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