

## Technical films

### Tecfilm® PC TC 00120

**Description:** Tecfilm® PC TC 00120 is an isotropic matt/glossy polycarbonate-film.

**Properties:** Tecfilm® PC TC 00120 offers excellent dimensional stability, evenness and dielectric properties. Furthermore, Tecfilm® PC TC 00120 offers high tensile strength and good mechanical resilience.

**Applications:** Tecfilm® PC TC 00120 is used for ID-Cards, as a base-material in pharmacy and as membranes in microphones.

**Delivery forms:** Tecfilm® PC TC 00120 can be delivered on roll, as tape, customized cut or die-cut part as well as self-adhesive. Other delivery forms upon customer request.

**Colour:** colourless

Property	Test method	Unit	Value
Density	DIN EN ISO 1183	g/m <sup>3</sup>	1,20
Tensile strength	DIN EN ISO 527	MPa	55
Elongation	DIN EN ISO 527	%	6,2
Elongation at break	DIN EN ISO 527	MPa	118
Breaking strength	DIN EN ISO 527	%	161
Heat deflection temperature	DIN EN ISO 75	°C	140
Coefficient of thermal expansion	ISO 11359	Ppm/k	70
Dielectric strength	IEC 60243-1	kV/mm	36

Dr. Dietrich Müller GmbH

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**Trademark information:** Tecfilm® is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany.

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**Please note:**

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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Dr. Dietrich Müller GmbH