

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

## Technical Film

### Tecfilm<sup>®</sup> PAR TC 00180

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**Structure:** Tecfilm<sup>®</sup> PAR TC 00180 is available with a gloss or matt finish on both sides.

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**Characteristics:** Tecfilm<sup>®</sup> PAR TC 00180 has high tensile strength and is resistant to breakage and splintering. In addition the film has high temperature resistance.

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**Application:** Tecfilm<sup>®</sup> TC is flame resistance (VTM 0) from 60 µm and is used for electrically insulating deep drawn parts and winding films, also as insulation material in coils, transformers and capacitors. The film can be used as a base film for high temperature resistant adhesive tape, for interior wall / ceiling suspension. In addition the film is good for labeling, whereby the matt side is erasing and smudge resistant.

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**Form of Supply:** Tecfilm<sup>®</sup> PAR TC 00180 is available on rolls up to 1000 mm wide in lengths from 1000 mm.

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**Storage Conditions:** Tecfilm<sup>®</sup> PAR TC 00180 can be stored for up to two years under normal conditions (25 ° C, 50% RH).

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Stand November 2014

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info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn  
Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093  
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien

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## Tecfilm<sup>®</sup> PAR TC 00180

Properties	Norm	Unit	Value	Value	Value
Total Thickness	-	mm	0.06	0.100	0.200
Colour	-	-	colourless, glossy or one side matt	colourless, glossy or one side matt	colourless, glossy or one side matt
Density	DIN 53479	g/cm <sup>3</sup>	1.21	1.21	1.21
Tensile Strength	ASTM D790	N/mm <sup>2</sup>	84	84	84
Elongation	-	%	100	100	100
Glass Transition Point	-	°C	143	143	143
Dielectric Strength	ASTM D149	Kv/mm	≥6.0	≥6.0	≥6.0
Water Absorption	-	%	0.35	0.35	0.35
Yield	-	m <sup>2</sup> /kg	13.89	8.33	4.17
Basis Weight	-	g/m <sup>2</sup>	72.00	120.00	240.00
Flammability Class	UL 94	-	VTM-0 (60 – 200 µm)	VTM-0 (60 – 200 µm)	VTM-0 (60 – 200 µm)

**Trademark Information:** Tecfilm<sup>®</sup> is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany.

**Please note:**

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and 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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