

Technical films

Tecfilm® PTFE TC 00442

Composition: Tecfilm® PTFE TC 00442 is a virginal orientated PTFE-film which is equipped with silicone adhesive on one side. During processing it has to be kept in mind that the areas which should be adhered have to be free of grease and should be clean.

Properties: Tecfilm® PTFE TC 00442 has high oil-, grease and chemical resistance, furthermore Tecfilm® PTFE TC 0042 is well resistant against fungus. Additionally Tecfilm® PTFE TC 00442 is light- and weather, UV-, infrared-, microwave and high frequency resistant as well as anti-adhesive, inflammable and has a very low friction coefficient. Tecfilm® PTFE TC 00442 is also physiological harmless, has high dielectric strength and low thermal elongation.

Applications: Tecfilm® PTFE TC 00442 can be used for many applications in different areas of the industry due to its unique properties.

Delivery forms: Tecfilm® PTFE TC 00442 is delivered as tapes, cuts, tailor-made form or die-cut part as well as on rolls with a standard width of 1000 mm. Further dimensions upon request.

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Properties	Unit	Tolerance	Unit
Weight without adhesive	g/m ²	±10 %	170
Thickness without adhesive	mm	±10 %	0.08
Thickness with adhesive	mm	±10 %	0.13
Elongation at break	%	-	200
Tear strength	N/cm	-	14
Adhesion at 180°C	N/cm	-	5.3
Dielectric strength	kV	-	10

Trademark information: Tecfilm® is a registered trademark of the 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.

Dr. Dietrich Müller GmbH