

## Tapes

### 3M™ 55

**Material:** 3M™ 55 is a made of polyester-film/mat composite with a thermosetting pressure-sensitive rubber adhesive.

**Properties:** 3M™ 55 offers high edge-tear resistance along with high puncture and abrasion resistance.

**Applications:** 3M™ 55 can be used as coil cover, end turns, lead pad, core layer and crossover insulation.

Properties	Test method	Unit	Value
Thickness	ASTM D-1000	mm	0,190
Tensile strength	ASTM D-1000	N/10 mm	62
Adhesion to steel		N/10 mm	8,7
Unwind at 90 in/min		N/10 mm	1,3
Elongation	ASTM D-1000	%	30
Adhesion to backing		N/10 mm	2,9
dielectric strength	ASTM D-1000	V	6000
insulation resistance	ASTM D-1000		1 x 10 <sup>6</sup>
Electrolytic corrosion factor	3M		1,0

Dr. Dietrich Müller GmbH

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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