

Tapes

3M™ 44D-A

Material: 3M™ 44D-A is made of polyester-film and –fleece with thermosetting pressure-sensitive rubber adhesive.

Properties: 3M™ 44D-A reduces the number of wraps due to its thickness of 0,253 mm.

Applications: 3M™ 44D-A is mainly used to build coil barriers.

Colour: transparent

| Properties | Test method | Unit | Value |
|-------------------------------|-------------|---------|---------------------|
| thickness | ASTM D-1000 | mm | 0,253 |
| Tensile strength | ASTM D-1000 | N/10 mm | 88 |
| elongation | ASTM D-1000 | % | 25 |
| Adhesion to steel | ASTM D-1000 | N/10 mm | 4,6 |
| puncture resistance | L-T-001512 | Kg | 44 |
| dielectric strength | ASTM D-1000 | V | 5500 |
| temperature class | | °C | 130 |
| insulation resistance | ASTM D-1000 | Megohms | 1 x 10 ⁶ |
| electrolytic corrosion factor | 3M | | 1,0 |
| Magnet wire compatibility | 3M | | Passes |
| CTI | | | I |

Dr. Dietrich Müller GmbH

3M™ 44D-A

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.

Dr. Dietrich Müller GmbH