

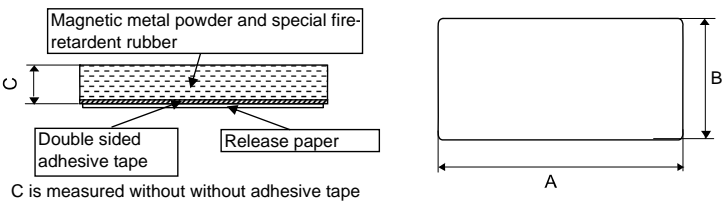
# Spezifikation für Freigabe / specification for release

Kunde / customer : \_\_\_\_\_  
 Artikelnummer / part number : **31403**  
 Bezeichnung : **Flexible Absorber Folie WE-FAS für RFID**  
 description : **Flexible absorber foil WE-FAS for RFID**



DATUM / DATE : 2008-11-27

**A Mechanische Abmessungen / dimensions:**



|   |                   |    |  |  |  |
|---|-------------------|----|--|--|--|
|   |                   |    |  |  |  |
| A | <b>297 ± 1</b>    | mm |  |  |  |
| B | <b>210 ± 1</b>    | mm |  |  |  |
| C | <b>0,3 ± 0,03</b> | mm |  |  |  |
| D |                   | mm |  |  |  |
| E |                   | mm |  |  |  |
|   |                   |    |  |  |  |

**B Elektrische Eigenschaften / electrical properties:**

| Eigenschaften / properties         | Testbedingungen / test conditions |     | Wert / value              | Einheit / unit |  |
|------------------------------------|-----------------------------------|-----|---------------------------|----------------|--|
| Reißfestigkeit<br>tensile strength |                                   |     | <b>6</b>                  | Mpa            |  |
| DC-Widerstand /<br>DC-resistance   | <b>ASTM D257</b>                  | RDC | <b>1,0x10<sup>8</sup></b> | Ω-cm           |  |
|                                    |                                   |     |                           |                |  |
|                                    |                                   |     |                           |                |  |
|                                    |                                   |     |                           |                |  |
|                                    |                                   |     |                           |                |  |
|                                    |                                   |     |                           |                |  |

**C**

**D Prüfgeräte / test equipment:**

Agilent E5071B Network Analyser  
 Agilent E4991B Material Analyser

**E Testbedingungen / test conditions:**

Luftfeuchtigkeit / humidity: 33%  
 Umgebungstemperatur / temperature: + 20°C

**F Werkstoffe & Zulassungen / material & approvals**

Basismaterial / base material: UL 94V-0

**G Eigenschaften / general specifications:**

Lagertemperatur / storage temperature: -25°C - +85°C  
 Betriebstemp. / operating temperature: -25°C - +85°C

|                                     |                          |      |                         |              |
|-------------------------------------|--------------------------|------|-------------------------|--------------|
| Freigabe erteilt / general release: | <b>Kunde / customer</b>  |      |                         |              |
|                                     |                          |      |                         |              |
|                                     |                          |      |                         |              |
| Datum / date                        | Unterschrift / signature |      |                         |              |
|                                     | <b>Würth Elektronik</b>  |      |                         |              |
|                                     |                          |      |                         |              |
|                                     |                          |      |                         |              |
| Geprüft / checked                   | Kontrolliert / approved  | RT   | Update                  | 08-11-27     |
|                                     |                          | RT   | Neugestaltung           | 08-06-15     |
|                                     |                          | Name | Änderung / modification | Datum / date |

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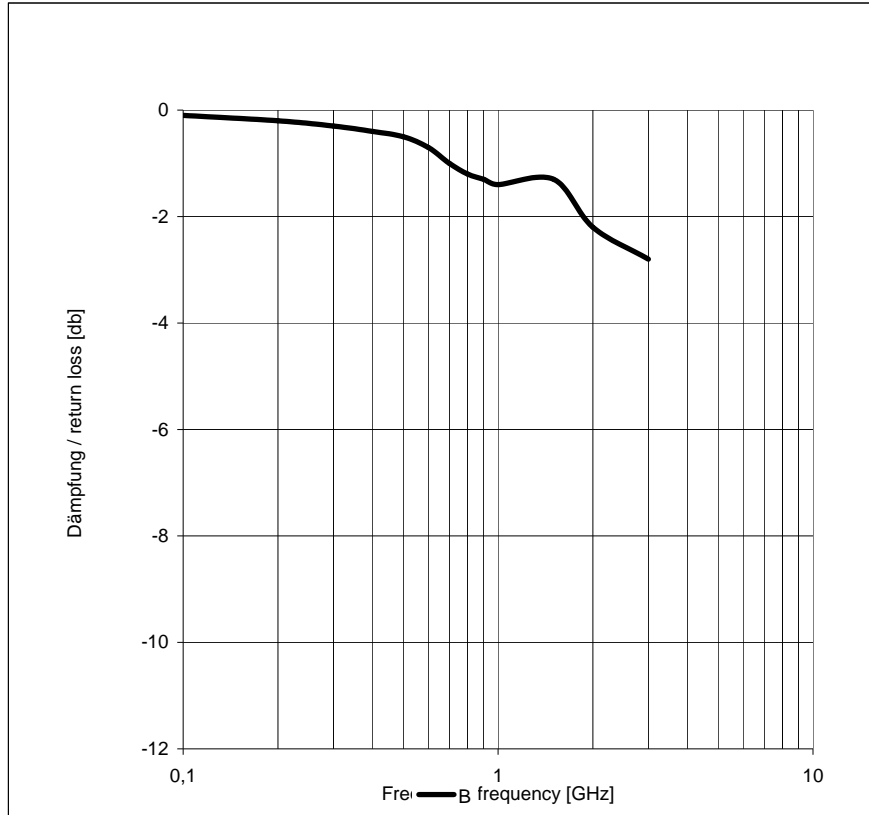
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LF



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## H Dämpfung / return loss:



B:

|                                     |                          |      |                         |              |
|-------------------------------------|--------------------------|------|-------------------------|--------------|
| Freigabe erteilt / general release: | <b>Kunde / customer</b>  |      |                         |              |
| .....                               | .....                    |      |                         |              |
| Datum / date                        | Unterschrift / signature |      |                         |              |
| .....                               | <b>Würth Elektronik</b>  |      |                         |              |
| .....                               | .....                    | RT   | Update                  | 08-11-27     |
| Geprüft / checked                   | Kontrolliert / approved  | RT   | Neugestaltung           | 08-06-15     |
| .....                               | .....                    | Name | Änderung / modification | Datum / date |

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

**Würth Elektronik eiSos GmbH & Co. KG**

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