



Product Specification

Catalogue No.: AFT50 / AFT75 / AFT100

Issue Date: 02.09.2009

Supersedes: new

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1. Material Description: Prosolve Aluminium Foil Tape AFT50 / AFT75 / AFT100

Single sided adhesive tape with aluminium foil backing, coated with a synthetic rubber resin adhesive covered with a white paper liner.

2. Material Properties:

(upper/lower specification tolerances, test methods)

2.1. Backing

- Aluminum Foil (30µm)

2.2. Adhesive

- Synthetic Rubber Resin
- Color

translucent

Visual

2.3. Tape Properties:

- Total Thickness (with Liner) 0,160 +/-0,02 mm AFERA 5006
- Adhesive Thickness 0,028 +/-0,005 mm AFERA 5006
- Paper Liner Thickness 0,095 +/-0,005 mm AFERA 5006
- Tensile Strength >20 N/cm AFERA 5004
- Elongation at Break >2% AFERA 5004
- Adhesion to Steel >3 N/cm AFERA 5001

2.4 Service temperature range -5°C - 60°C

2.5 Roll width slit rolls custom slit 50 +/- 2 mm

2.6 Roll length slit rolls 50 m + 0,5 m

2.7 Core Material Cardboard

2.8 Roll core diameter 76,2 mm +/- 0.5 mm (or 3")

2.9 Core Thickness 3.0 mm +/- 0.5 mm

2.10 Splice max. 1 functional flat splice / per roll

2.11 Roll winding Aluminum backing outside

2.12 Roll quality No gapping, no telescoping, no deformation of core or roll within 12 month. Optical appearance must be good with precisely cut edges

2.13 Adhesive surface quality max. 5 visible spots per length meter. <= 0,2 cm

2.14 Storage life 12 months from date of production stored at 23 +/- 2°C, 50 +/- 5 % relative humidity, protected from UV-light and dust

2.15 Shelf life 12 months from date of production stored at 23 +/- 2°C, 50 +/- 5 % relative humidity, protected from UV-light and dust

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Before changing the material composition, the raw materials, significant parameters of the production process or a move of the production location the supplier is committed to inform Prosolve directly and to obtain a written approval.

3. Delivery and storage requirements:

- | | | |
|-----|--------------------|------------------------------------|
| 3.1 | Storage methods | Palette |
| 3.2 | Storage conditions | |
| | - Temperature: | room temperature 10 - 30°C |
| | - Moisture: | 50 - 60 %, protected from UV-light |

4. Packaging and Labeling:

- 4.1 Packaging
Packed according to Prosolve specification , which is attached to each order

4.2 Labeling

4.2.1 Labeling on shipping documents

- | | |
|----------------------------------|----------|
| - Prosolve ID Number | required |
| - Prosolve Purchase Order Number | required |
| - Position of Purchase Order | required |
| - Pieces | required |
| - Weight-gross | required |
| - Weight-net | required |
| - Name of Material | required |
| - Color and size of material | required |

4.2.2 Carton label

Each carton should be labeled with a shipper label outside.

- | | |
|----------------------------|----------|
| - Prosolve Company address | required |
| - Prosolve ID Number | required |
| - Name of Material | required |
| - Number and size of rolls | required |
| - Lot number | required |
| - EAN code | required |

4.2.3 Product Label and Packaging

Each slitted roll should be shrinked with a PO film.

Dangerous goods: The supplier is responsible for the adherence to all legal and public regulations concerning material and warning labels and all dangerous goods transport regulations.

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5. (Initial -) Samples and Test Certificates:

- Description: ATH-16 Single sided adhesive tape with aluminum foil backing, coated with a synthetic rubber resin adhesive covered with a white paper liner.

- Delivered to: directly delivered to Prosolve
- Certified Test Characteristics: see Points 2.1 - 2.15 must be guaranteed for each delivery
- Test reports: Supplier provides key data of production report on request.

- Test sample The supplier is responsible for the quality control of the product. Manufacturing samples are taken every lot. Samples and lot numbers are stored at the supplier for 18 month.

6. Material Safety Data Sheets / Product Information:

(required for dangerous goods transportation)

- 6.1 Safety Data Sheet (not older than 2 years) to send
available not available

- 6.2 The product information for health, safety and environmental protection are
available not available
for Prosolve

- 6.3 Material composition
(required , if shipment is not a dangerous good and no safety data sheet is available.)

Latest Prosolve Global PFG Information Form (PFGIF) of supplier for this product is attached. If there are any changes in the composition the supplier has to inform Prosolve immediately and update the file.

7. Reason for Modification:

Prosolve has to be informed about any changes in advance.

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Declaration of the supplier

The specification is accepted as binding

Stamp / Company name / Address	Date	Signature
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Name in block letters	Function
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In case of deviations from this specification, the material may be rejected and damages may be claimed.