

KB 507 Wear Protection Tape

Adhesive Tape for Wear Protection Tape

Description



KB 507 adhesive tape is composed of a coated fabric with a Pressure Sensitive Adhesive protected by a silicon paper.

It has been designed for high abrasion area of ducting like clamps.

Its standard application is on ABS 5049 B and E foams: JEHIER 353 R - 363 R and 355 R - 365 R complex foams.

KB 507 Qualified according **ABS 5668 A**

Red brown appearance: colour code 71

It is available in various widths, from 20 to 100 mm.

Typical Properties

KB 507

General

| | |
|-------------------------------------|--|
| Total Thickness | 135 µm without liner (5.3 mil) |
| Surface Weight <i>Max weight</i> | 225 g/m ² without liner (6.63 oz / sqyd) |
| Dimensions (standard) | Roll of 50 m (54.68 yd) |
| Temperature Range | -55 to +85°C (-67 to +185°F) |
| Storage Life | Maximum 2 years (based on manufacturing date) |

Flammability & Toxicity

| | | |
|--------------------|-----------------------------|---|
| Vertical Burn | FAR25 §853 vertical 12s | Pass <i>Applied on aluminum 80 microns</i> |
| Flame Propagation | FAR25 §856(a) app F Part VI | Pass |
| Smoke and Toxicity | ABD0031 | Pass |

Reference code

KB 507/xx/xx

| | |
|------------|--------------|
| P/N | KB 507 |
| Color Code | 71 for brown |
| Width (xx) | 20 to 100 mm |

Adhesion properties

Adhesion

Tested on ECS foam ABS 5049 B & E

Good

Tested on aluminum

Good

Conditioning and Minimum Order Quantity

General

Dimensions (standard)

Roll of 50 m - (54,7 yd)

MOQ

50 m - (54,7 ydt)

Storage Life

2 years

(based on manufacturing date)

Storage Conditions

under shelter at -10 to +30°C (+40 to +86°F) ; 10 to 70% RH

Conditions of use

General

From our experience, the adhesion is good on composite and aluminum, as well as on 363 R and 365 R foam complex.

KB 507 is used on clamp for example and has been developed for good mechanical resistance.

Please contact us for a test on your substrate in your application.

Use of KB 507

The transfer adhesive KB 507 shall be applied at ambient temperature: 15°C to 30°C – 10% to 70% RH.

The surface of the substrate should be flat, clean, remove oil and dust.

Remove the paper liner and apply the tape on the foam while applying a firm pressure with the hand (do not touch the adhesive transfer while doing this).

Application

General

Installation and repair of ducting insulation.

Specifications

Qualified for AIRBUS applications according to ABS 5668 A

JEHIER system / product range linked

ABS 5049 B and E - JEHIER 363 R / 365 R foams in various thicknesses

ABS 5662 C - JEHIER KB 64 adhesive tape for abrasion protection

ABS 5648 C - JEHIER KB 37 double sided tape for foam implementation

All information identified in this datasheet is based on tests conducted by independent laboratories or by the manufacturer. This information is not product specifications and must only be used as a guide. Purchaser must independently determine the suitability of HUTCHINSON Aerospace products and materials for a particular application.

JEHIER SAS
ZA St Antoine
49120 Chemillé-Melay
FRANCE


HUTCHINSON®

Phone: +33 (0)2 41 64 54 00
Fax: +33 (0)2 41 64 54 01
Email: info@jehier.fr
Website: www.jehier.fr