FLAME - RETARDANT FASTENERS (FR)

Technical data sheet Page E-107 Date Nov. 2014

The tapes treated with the flame-retardant coating have good flame-retardant properties.

Internal labref.: 1145 - 148345

Tapes

Flame retardancy

hook and loop

for info on base tapes see individual technical data sheets

hook and loop high strength : TDS 011 mushroom and velours : TDS 004

: TDS 501, 502, 503 gripper PA small, medium, large

the quality passes the following tests:

- F.M.V.S.S. 302 / TL 10 10 / DIN 75 200 / ISO3795: Determination of flammability of materials used in the interior of motor verhicles.
- F.A.R. 25.853 (a): measurement of flammability of aircraft materials.
- airbus standard ABD0031: Measurement of flammability, smoke density and smoke toxicity according to Airbus Specifications
- directive 95/28/EG: Determination of flammability of materials used in the interior construction of certain categories of motor vehicles.

mushroom and velours and grippers PA the quality passes the following tests:

- F.M.V.S.S. 302 / TL 10 10 / DIN 75 200 / ISO3795: Determination of flammability of materials used in the interior of motor vehicles.

all colours on our shade card, other colours are possible on request all colours on our shade card, other colours are possible on request white and black, other colours on request only white and black

Colours

hook and loop mushroom velours grippers PA

Cleaning instructions

hook and loop

mushroom and velours

ATTENTION:

grippers PA

shrinkage

- F.A.R. 25.853 (a): measurement of flammability of aircraft materials.

cleaning with fastener in closed position: to protect fastener and washing

washing bleaching













hook and loop





: max. 2.0%





velours

: max. 6,5%

IMPORTANT

- mushroom : max. 3,0% gripper : max. 1,5% - the tapes pass the above mentioned flame retardancy tests. However, the tests
- this tape contains no bromine flammibility stabilizers type penta-BDE, octa-BDE, deka-BDE or penta-PBDE and octa-PBDE.

must be repeated testing the assembly of the tape and the substrate.

Special versions

alues

Flameretardant fasteners can be delivered with a pressure sensitive adh. backing: FRA - A - SA - ATA - AT (others: SA0 - SA3 - SA4 - DA)

- adhesive strip based on FRAS AS ATAS ATS

reactivable coating - HF

back-to-back

- with FRA glue or with standard glue

ATTENTION: 100 % FR Certification can be submitted only in combination with FRA-glue!

Combinations with other glues can NOT be certified! Tests to be carried out by the user.

Tests by user & guarantees

The information above only serves as a general guideline. We advise any user to determine the suitability of the intended application through tests performed by himself.

All information, technical advice, recommendations & descriptive material on this product are based upon tests which are generally reliable, although we cannot fully guarantee the accuracy of these tests. The buyer, who is a professional user, will be bound to carry out all tests himself, in order to verify whether the goods are suited and can be used safely for the intended purpose. The only obligation of the seller may consist in replacing the goods of which the imperfection has been proven, insofar as the seller can be held liable for the imperfection under the present conditions. The buyer will protect and hold harmless the seller against any claim whatsoever which could be made by the private enduser on the account of his product liability. In the same way, the buyer will safeguard the seller for each claim made by third parties, exceeding the limitation of liability as stipulated herewith. In addition, we serve ourselves the right to subject the products to technical changes without prior notice. Please make sure that you have the latest version of the technical data sheet.

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