



TECHNICAL NOTE NTN 187-L

SINGLE USE FIRE BLANKETS Electric cars

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1. INTRODUCTION

This Technical Note is part of the reference system used for certification according to the ANPI and/or BENOR trademark regulations.

It defines the scope, the specific requirements and the identification to be carried out.

2. SCOPE

This data sheet applies to fire blankets for (electric) vehicles. These are characterized by two distinct uses, the cover for the individual which must be used only once and the cover for intensive use, dedicated for example for fire services or fire schools.

Covers for intensive use might be used a (limited but multiple) number of times on different fires. This multiple usage is only allowed by professional users like fire services who always have an alternative solution to extinguish the fire in case the cover would not fulfill its job due to wear and tear.

This Technical Note does not distinguish testing between these two types of cover. Covers are only tested to be used a single time.

As numerous car fire blankets hit the market annually, a Technical Note including tests is necessary to make sure the products available meet the desired requirements.

Therefore, the aim of this Technical Note is to propose a list of requirements to the extent of evaluating and testing car fire blankets.

3. NORMATIVE AND PROCEDURAL REFERENCES

This Technical Note incorporates requirements from other publications with dated or undated references. For dated references, later amendments and revisions apply to this Technical Note only after their incorporation via an amendment or revision of this Technical Note. For undated references, the latest edition of the referenced publication applies (including amendments).

EN 1869:2019 - Fire blankets: *Annex B: Electrical resistance test* and *Annex D: Heptane fire performance test*

EN 3-7+A1:2007 - Portable fire extinguishers - Part 7: Characteristics, performance requirements and test methods: *Annex I – Fire tests*

4. DEFINITIONS

Fire blanket for (electric) vehicles: textile intended to contain the fire of an electric vehicle and to allow, for example, to take the vehicle out of a parking lot or to prevent it from spreading fire to nearby vehicles.

Container: envelope or storage bag in which the blanket is kept pending its use on a fire. This container is used to move the blanket from where it is kept towards the place of usage (burning car).

Hand holding device: device used to manipulate the fire blanket (for example: loop or strap attached to the blanket).