
SIRIM STANDARD



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Electric vehicle (EV) fire blankets - Performance requirements

SIRIM Berhad

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For further information on SIRIM Standards, please contact:

Standards Development and Consultancy Section
SIRIM Academy Sdn Bhd
(Company No.: 199701032750 (448249 - A))
1, Persiaran Dato' Menteri
Section 2, P.O. Box 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA

Tel: 60 3 5544 6089/6088
Email: standards@sirim.my
<http://www.sirimacademy.my>

Contents

	Page
Foreword.....	ii
1 Scope.....	1
2 Normative references	1
3 Terms and definitions	1
4 EV fire blanket specifications.....	2
5 General performance	3
6 Fire performance	3
7 Fire performance test	3
8 Manufacturer’s markings	4
9 Minimum test report content for each tested EV fire blanket.....	5
Annex A Test conditions.....	6
Annex B Electrical resistance test	7
Bibliography	8

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Foreword

This SIRIM Standard was developed by the Project Committee on EV Fire Blanket established by SIRIM Berhad.

This standard was developed with the objective of providing requirements for the design, materials, and performance of EV fire blankets, aiming to enhance the safety of EV users, emergency responders, and surrounding areas in the event of a fire.

Information to assist users of the standard

For the purpose of this standard, the following International Organization for Standardization (ISO) definitions have been adopted regarding verbal forms for the expression of provisions:

- a) **“shall”** indicates an **auditable requirement**: it is used to indicate requirements strictly to be followed in order to conform to the document and from which no deviation is permitted;
- b) **“should”** indicates a **recommendation**: it is used to indicate that among several possibilities one is recommended as particularly suitable without mentioning or excluding others, or that certain course of action is preferred but not necessarily required, or that (in the negative form) a certain possibility or course of action is deprecated but not prohibited;
- c) **“may”** indicates a **permission**: it is used to indicate a course of action is permissible within the limits of the document; and
- d) **“can”** indicates a **possibility** or a **capability**: it is used for statements of possibility and capability, whether material, physical or causal.

Compliance with this standard does not by itself grant immunity from legal obligations.