United States
Consumer Product Safety Commission

MEETING LOG

MEETING TITLE/SUBJECT: ASTM F15.46 Fire Suppression Blankets Subcommittee Meeting

OP PLAN ENTRY: Fire Extinguisher Products

DATE OF MEETING: 5/12/2025

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Scott Ayers

FILING DATE: 5/13/2025

CPSC STAFF ATTENDEE(S): Scott Ayers (ESEF), Shonali Nazare (LSF), and Kristen Talcott (ESHF)

NON-CPSC ATTENDEE(S): Contact ASTM for a complete list of attendees.

Summary of Meeting:
Contact ASTM for more details of this meeting. This was a meeting of the full ASTM F15.46 subcommittee to discuss ASTM F1989 and potential future requirements for fire blankets.

Many participants were focused on community risk reduction and general fire safety; these do not recommend fire blankets as there are no existing listings for fire blankets. The participants discussed current standards for fire blankets, in particular ASTM F1989 which is only for cooking fires. There is a European standard EN 1869 similar to ASTM F1989, but with an added heptane fire test. There is a German standard, DIN 91489 for fire blankets used on electric vehicle fires.

CPSC staff suggested that new requirements were needed, consumers would not readily know what types of fires the fire blanket should be used on. Instead, a fire blanket standard for consumer and light hazards should have multiple performance tests, with a variety of fire types to ensure it successfully extinguishes most fires consumer would encounter. Additionally, fire blankets used for electric vehicles and other commercial applications have their own unique challenges and need a separate standard. And, once standards are shown to successfully demonstrate a fire blanket's level of safety, safety experts could recommend fire blankets that meet those standards and testing laboratories could be listed as fire blankets. The new standard should also include guidance on product aging and protective performance of the fire blankets. Finally, the fire codes could reference those listings for use in certain building types.

Participants generally agreed with the staff's suggestions.

Next Steps:
Staff will participate in the development of new requirements and/or a new standard for fire blankets.