

U.S. Consumer Product Safety Commission Log of Meeting

SUBJECT: Teleconference with the ASTM F15.42 F3096 Voluntary Standard Tip Restraints Task Group on Material Interaction

DATE OF MEETING: March 2, 2023

LOCATION: Teleconference

LOG ENTRY SOURCE: Kristen Talcott

DATE OF LOG ENTRY: March 3, 2023

CPSC ATTENDEES: Kristen Talcott (ESHF), Daniel Taxier (ESMC)

NON-CPSC ATTENDEES: Contact ASTM for the full list of attendees

SUMMARY OF MEETING:

This meeting was the first meeting of the Material Interaction task group, which was formed during the January 31, 2023 ASTM F15.42 Furniture Subcommittee meeting.

Task group members looked at different after-market tip restraints from a list that the task group chair prepared and sent to the task group prior to the meeting. There was a wide variety of product designs, including products that use adhesive to connect to the product and/or wall, and products made from metal, plastic, and cloth components.

Task group members discussed the scope and focus for the group. Topics included: tests for environmental exposures, such as UV light and chemical solutions and solvents; adhesive aging; screw pull-through and brittleness; considerations for adhesives, such as applying to a dirty surface; abrasion/materials rubbing together; fabric fraying; counterfeit products; and whether the standard should include verification of manufacturer claims (*e.g.*, that the product can hold a certain amount of weight).

During discussion CPSC staff mentioned incident data in the clothing storage unit NPR staff briefing package, which included brittle plastic straps, tip restraints pulling from the unit and from the wall, straps breaking, and a plastic strap connector breaking. Staff encouraged the task group to look at many different failure modes, and consider the whole product lifecycle. Staff also commented that it was difficult to determine whether aftermarket products complied with ASTM F3096, and suggested additional labeling.

Next steps: Task group members will review existing standards other tests to discuss at the next meeting. Task group members hope that manufacturers will provide samples for the task group to look at. The next meeting is planned for April 6, 2023.