



## ASTM International Technical Committee F08 on Sports Equipment and Facilities

**Established:** 1969

**Number of Members:** 630+

**Number of Standards:** 130+

**Global Participation:** 14 Countries represented

**The standards are available in:** Volume 15.07 in the *Annual Book of ASTM Standards*

**Meetings:** F08 meets twice each year, in May and December

**SCOPE:** Standardization of specifications, test methods and practices for sports equipment, surfaces, and facilities to reduce inherent risk of injuries and promote knowledge as it relates to these standards. The committee shall coordinate this work with other ASTM technical committees and other organizations in this area.

### GENERAL OVERVIEW:

Committee F08 on Sports Equipment and Facilities was organized in 1969. F08 meets twice a year, in May and November, with approximately 100 members attending various subcommittee meetings over four days. The committee has a membership of 600 who participate on one or more of its 25 technical subcommittees. F08 has developed 125 standards that are published in November in the Annual Book of ASTM Standards, Volume 15.07. Information on subcommittee structure and F08's portfolio of approved standards and Work Items under development is available from the List of Subcommittees, Standards, and Work Items below. F08's focus continues to be the development and review of standards for sports equipment, surfaces, and facilities to reduce inherent risk of injuries and promote knowledge as it relates to these standards.

### ACTIVITIES, PRODUCTS, AND SERVICES:

Current areas of activity in F08 include sports helmets and protective equipment, bats and balls, bicycles, camping and climbing equipment, sports surfacing and shoes, sports and fitness equipment, ice rinks, skate parks, and other facilities. Committee F08 subcommittees respond to consumer and industry needs in their areas of specialization.

The first standard developed by the Committee was F 355, Test Method for Shock-Absorbing Properties of Playing Surface Systems and Materials. Today, standards for surfacing, both artificial and natural, continue to be priorities for the Committee. At the same time, the Committee continues to embrace new activities and new stakeholders in an effort to promote safety in sports and recreation.

F08 conducts either a workshop or a symposium at nearly every meeting. These programs provide an opportunity for members and others to present their research findings and exchange information. Often the discussion identifies critical areas facing today's emerging technologies and forms the technical basis for the development of new and revised ASTM International standards.



Visit the ASTM

Committee F08 Webpage:

<http://www.astm.org/COMMIT/F08.htm>

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### **LIST OF F08 SUBCOMMITTEES:**

F08.10 Bicycles  
F08.12 Gymnastics and Wrestling Equipment  
F08.15 Ice Hockey  
F08.16 Archery Products  
F08.17 Trampolines and Related Equipment  
F08.22 Camping Softgoods  
F08.24 Paintball and Equipment  
F08.25 Recreational Basketball Equipment  
F08.26 Baseball and Softball Equipment  
F08.27 Airsoft  
F08.28 Equestrian Surfaces  
F08.29 Martial Arts  
F08.30 Fitness Products  
F08.51 Medical Aspects and Biomechanics  
F08.52 Miscellaneous Playing Surfaces  
F08.53 Headgear and Helmets  
F08.54 Athletic Footwear  
F08.55 Body Padding  
F08.57 Eye Safety for Sports  
F08.63 Playground Surfacing Systems  
F08.64 Natural Playing Surfaces  
F08.65 Artificial Turf Surfaces and Systems  
F08.66 Sports Facilities  
F08.67 Pole Vault  
F08.80 Common Terminology, Methods and Laboratory Practices  
F08.90 Executive  
F08.94 US TAG to TC 94 SC 6 on Eye and Face Protection  
F08.95 Awards and Distinctions  
F08.96 US TAG to ISO/TC 149/SC1 on Cycles  
F08.97 US TAG ISO/TC83/SC5 on Ice Hockey Equipment and Facilities  
F08.98 Symposia and Publicity  
F08.99 Long Range Planning

### **KEY DOCUMENTS:**

- F355 Standard Test Method for Shock-Absorbing Properties of Playing Surface Systems and Materials
- F1292 Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment
- F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment
- F2276 Standard Specification for Fitness Equipment
- F2396 Standard Guide for Construction of High Performance Sand-Based Rootzones