



# Safety Goggles and Helmets

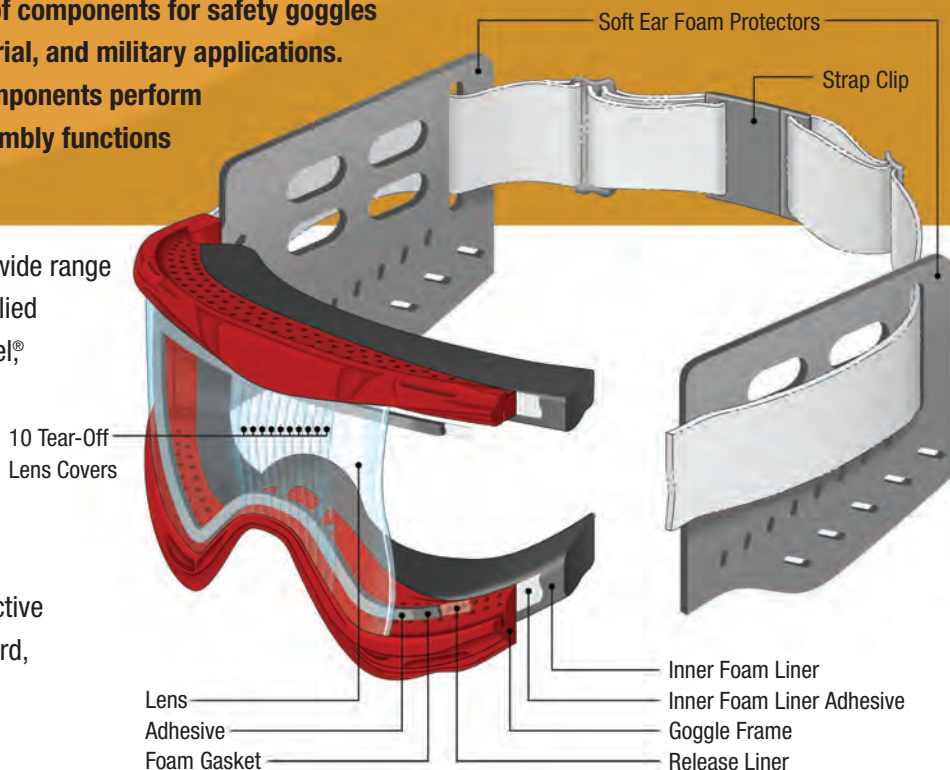
**Fabrico designs and manufactures a number of components for safety goggles and helmet visors used in recreational, industrial, and military applications. Made of flexible and rigid materials, these components perform some of the most critical operational and assembly functions of the goggles.**

Safety goggle components are fabricated from a wide range of adhesives, foams, rubbers, and laminates supplied by market leaders such as DuPont™, 3M™, Permacel®, SABIC (GE Plastics), Hickory Springs®, and Arlon™, and are provided in various forms, including sheets and fabricated parts.

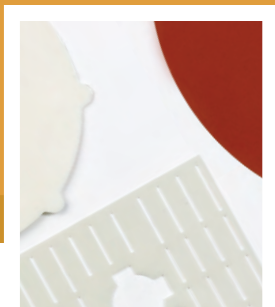
## Safety goggle components:

**Lenses:** clear plastic pieces that serve as protective shields for the eyes. Fabrico manufactures standard, flat, inexpensive, and disposable lenses. Depending on the thickness of the material and type of lens required, these clear plastic parts can be manufactured with precision die cutting or on an advanced water jet system featuring a high-powered jet stream that can cut through flexible and rigid materials.

**Lens assemblies:** thin adhesive that fastens the lens to the goggle frame. Lens assemblies are made with various die-cut adhesive films. These double-sided pressure-sensitive materials eliminate cleanup, curing time, and equipment maintenance associated with liquid adhesives.



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**Lens covers:** tear-away covers applied in multiple layers to goggle lenses. Goggle wearers simply peel off the outer layer when it gets dirty to keep their vision clear. Made of clear flexible material, these covers are designed and converted by Fabrico for standard and custom applications.

#### **Helmet components:**

**Visors:** clear plastic pieces that protect the upper part of the face. Visors are manufactured with the same advanced water jet system used to make goggle lenses.

**Pads:** foam parts inserted into helmets for improved fit, feel, and function. They serve as protective internal padding or as spacers for secure and comfortable helmet fit. To meet specific needs, we offer a broad selection of foam types for helmet pads, including widely used polyesters and polyurethanes, as well as medical foams, super-soft foams, and other specialty materials. Once a foam type is selected for an application, we punch out the desired pad shape and laminate adhesive or hook-and-loop material to it for attachment to the helmet.

**Trim:** rubber border added to exterior of helmet for protection. In this application, our engineering staff helps customers replace troublesome liquid adhesive with die-cut adhesive materials that simplify and speed up the production process for connecting trims to helmets.

**Strap Assemblies:** a range of strap parts attached to the helmet, used to hold the helmet securely in place. These rigid components are manufactured with the high-powered water jet cutting system.



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