Seat Insert Kits

EIS W50 is available from BSCI in kits for do-it-yourself seats. EIS W50 is a revolution in the 2-part foam seat insert kit industry. BSCI EIS W50 kits are recognized in the market for safety and comfort for the user. A seat can be produced in as little as 1 hour.

Advantages over conventional 2-part foam kit:

- EIS W50 is a SFI 45-2 approved material. It has been tested to rigorous impact and flammability standards.
- Slow foaming rate giving the driver more time to position their body in the seat for molding.
- No special tools are required for producing the seat insert – only a drill and an electric carving knife.
- EIS W50 is a resilient material and can withstand multiple impacts.

Advantages over beaded seats:

- EIS W50 is a SFI 45.2 approved material. It has been tested to rigorous impact and flammability standards.
- No special tools required. Beaded seats require use of vacuum pumps, which can be costly.
- EIS W50 cures in 5 minutes as compared to beaded seats which take hours. Time is critical in racing, wait time is costly.
- EIS W50 is a liquid and conforms to every crevice of the body during the seat-molding process. Beaded seats are essentially more solid when introducing the person's body into them. It can be difficult to get an exact mold of the body. Accuracy of the mold to the body is critical for the correct comfort and support.
- EIS W50 is a resilient material and can withstand multiple impacts.

Standard kits are small, medium, large, X-large and XX-large. Custom sized kits are available. Contact BSCI for details. BSCI technicians are available to mold your perfect seat insert for you.

BSCI Energy Impact Systems
170 Barley Park Pane
Mooresville, NC 28115
Tel: 704-664-3005
Fax: 704-660-1540

www.RollBarPadding.com

All products are manufactured in our facility under rigid quality control standards.

BSCI

ENERGY IMPACT SYSTEMS™

The Leader in Impact Energy Management Solutions

Machined and Pour-In-Place Seat Inserts

BSCI
ENERGY IMPACT SYSTEMS™

BSCI has a long and very successful history of protecting some of the world's most famous drivers with our interior protective products. Using our SFI 45.2 approved EIS W18 and EIS W50 foam materials, motorsports organizations have put their trust in BSCI to protect their drivers for over 20 years. BSCI interior protective materials are recommended by many of the world's foremost experts in crash safety.

www.RollBarPadding.com

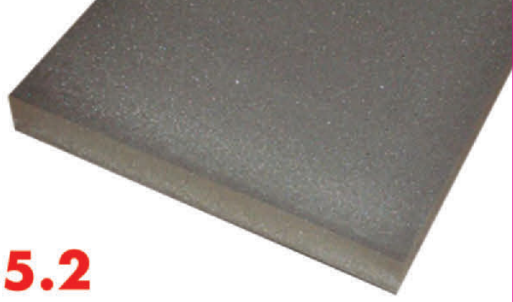
CNC Machined Seat Inserts

BSCI can replicate any seat insert or headrest with either of our two SFI 45.2 approved foam materials. Along with our state-of-the-art CNC machines, BSCI uses a process to manufacture products that are precise and uniform in density, increasing the comfort level and safety of the seating system. Using this process, BSCI can duplicate and provide an exact replica of any existing insert, eliminating the need for driver and crew participation.

Inserts are produced from either of two SFI 45.2 approved foam materials. Both of these foams are inherently self-extinguishing in the event of a fire compared to other materials used for seat inserts, such as bead seats, which melt and deform when exposed to temperatures around 250 degrees F. All BSCI seat inserts or headrests are covered with Carbon X ™ cloth. The SFI 45.2 approved foam materials are resilient and can withstand multiple impacts.

EIS W18 SFI 45.2 Approved Foam

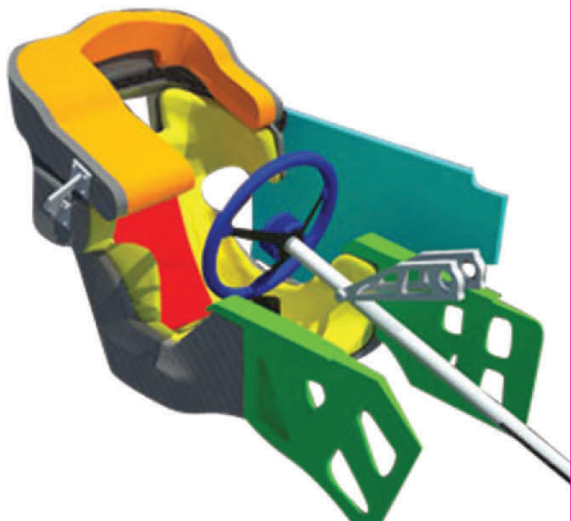
The uses with the revolutionary foam material from BSCI are endless. EIS W18 is the lightest SFI 45.2 approved foam available today. Our customers asked for a way to give them a competitive edge and we delivered. Weighing only 1.8 lb/ft3, it meets and surpasses expectations of foam safety/weight ratios on the market today. EIS W18 is utilized to machine many protective parts in the vehicle from seats and headrests to interior door pads, leg brace protectors, steering column pads and arm guards.



SFI 45.2 Approved Foam

EIS W18 and EIS W50 meet and exceed the SFI 45.2 specification for foam materials used in energy management for occupant protection in motorsports. Both foam materials are highly engineered based on higher standards governing the materials that can be used for head and body protection in various motorsports' sanctioning bodies. BSCI foams are the most widely utilized materials in NASCAR®, NARA®, IHRA Motorsports™, IMSA™ and other sanctioned racing.

Because all BSCI foams are manufactured for motorsports' applications, every detail has been scrutinized to produce foams with the lowest rebound velocity available.

EIS W50 is available in molded shapes and EIS W18 is available in machined form only.

BSCI offers CAD/CAM design and high speed machining. BSCI can quote parts from customer supplied CAD data or we can design your part and produce it to your exact specifications.