



Plastic in Action

Safety & Innovation

Plastic keeps us safe and protected every day. Constant innovation throughout the plastics industry creates durable, high-performance solutions that enhance safety and efficiency, from impact-absorbing car panels and personal protective gear to essential systems for water purification and fire prevention.



Modern automotive safety components—from seatbelts to airbags—are created with plastic.



Plastic material in our car bumpers deforms upon impact, reducing harm to passengers and critical vehicle components. Many plastic bumpers are also recyclable, contributing to sustainability efforts.



Plastic made from fluoropolymers coat and protect cable wires throughout our homes and businesses because it has the unique ability to withstand high heat and corrosive environments.



Plastic bike helmets contain expanded polystyrene (EPS) or expanded polypropylene (EPP) that absorb energy in an impact, cushioning the head in a crash.

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More than one million Americans work in jobs directly or indirectly connected to the plastics industry, spanning a wide range of sectors. From the engineers who design the machinery that manufactures essential plastic products, to the material suppliers distributing raw plastics, to the processors shaping materials into goods, and the recyclers giving used plastic a second life, the plastics supply chain is a vital aspect within both the U.S. and global economy.