

# SPECIALTY MATERIALS

## EA-55 Polyurethane



**DIVERSIFIED  
PLASTICS, INC.**

www.diversifiedplastics.net | 800-321-0084

Shock-absorbing panels are used to improve worker safety and protect products across a wide range of industries. EA-55 Polyurethane is specially formulated to absorb shock, making it ideal for containing, slowing down or redirecting material and finished goods (with essentially no rebound). Currently, our EA-55 panels are in use everywhere from mines to sawmills to manufacturing facilities. Sheets can be cast into a wide variety of custom configurations and bonded to other materials such as plastic, wood and steel, or used on their own.

### FEATURES AND BENEFITS

- Reduces rebound
- Aids product placement
- Prevents vibration transmission
- Protects finished product
- Can be bonded to steel backing plate
- Fastening systems available
- Offered with several protective face plates (various materials available)
- Greatly reduces noise

### COMMON APPLICATIONS

- Lumber, plywood
- Material handling cushions
- Shock-absorbing bearing pads
- Bang boards

**OUR SHOCK-  
ABSORBING** EA-55  
polyurethane comes in  
thicknesses of ¼ inch  
to 4 inches and most  
any plate size up to  
4 feet by 5 feet.



## OUR UNIQUE MULTIFAB TECHNOLOGY™

We developed MultiFab to address a simple truth — different components of a given part often require different qualities for maximum performance. In some instances it may be best to use one material where strength is needed, but a different material where durability is needed. Our MultiFab approach enables us to do that by — for example — machining one component out of nylon, molding another from UHMW and assembling the two into a single part. The result is a better-wearing, longer-lasting and oftentimes less-expensive option.

## IN-HOUSE CAPABILITIES

- Injection molding
- Fabricating
- Machining
- Polyurethane casting
- Design
- Engineering
- Quality assurance testing
- Performance testing

Diversified Plastics is a family-owned, Montana company with big capabilities and a proven history. Since first hitting the on switch in 1976, we've focused on winning customers, not contracts. That approach has earned us a strong reputation for meeting needs across a variety of industries — food processing, cement, agriculture, wastewater treatment, mining, timber, packaging / conveying and more. In addition, we are a leader in on-floor material recycling, which reduces waste, cost and our carbon footprint.



### GET A QUOTE FOR YOUR PROJECT:

Call 800-321-0084  
or visit [www.diversifiedplastics.net](http://www.diversifiedplastics.net) and click “contact us”  
for a sales representative near you.



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Consolidate with us.