

# Plastic Materials for Transportation Barrier Shields



## Protect drivers and passengers with durable and attractive plastic barriers

Private and public transit companies are taking precautions to combat the spread of COVID-19 and provide safer transportation by retrofitting their buses with protective barrier shields made from durable plastic materials.

Transparent barriers made of **TUFFAK® DG (Driver Gard) polycarbonate** provide outstanding impact resistance and optical clarity. TUFFAK® DG is easy to clean, allows drivers to interact freely with passengers, and conforms to FMVSS 205/ANSI Z26.1, AS4.

**KYDEX® Thermoplastics** can be used for opaque barriers to safely separate passengers and leave fewer open spaces between seats. KYDEX® sheet is inherently antimicrobial and offers outstanding aesthetics and durability. Available in virtually any color with low minimum order quantities, KYDEX® Thermoplastics are available in grades that meet a variety of flammability standards including FMVSS 302 and the FTA and FRA's requirements for smoke emissions and flammability. There are a number of KYDEX® sheet grades available with enhanced antimicrobial properties for more demanding applications.

### Material selection, expert advice

Our plastic material and part design experts work daily with maintenance and repair professionals, equipment manufacturers, design engineers, and supply chain managers. If you're trying to choose a specific material, our plastics professionals will be happy to talk with you about your needs.



Opaque KYDEX® Thermoplastic dividers are available in a wide variety of colors.

### BENEFITS OF TRANSPORTATION BARRIER SHIELDS:

- Create a protective barrier between drivers and passengers
- Create a protective barrier between passengers
- Durable and impact resistant
- Lightweight
- Can be easily cleaned and disinfected

