

# Transparent Barrier Solutions

Protecting against the spread of illness poses a great challenge to many industries that rely on high traffic and customer interaction. In these applications, social distancing is not always possible and therefore more effective precautions are required. Plastics are in a unique position to help combat this challenge through several useful materials and the properties associated with each.



## TRANSPARENT, RELIABLE PROTECTION FROM SPLASH, PARTICLES AND RESPIRATORY DROPLETS

### Products Available

Extruded & Cast Acrylic  
Polycarbonate  
Clear PVC  
PETG

### Applications

Checkout Partitions  
Sneeze Guards  
Isolation Cubicles  
PPE Face Shields  
Surgical Shields  
Chemical Shields

### Individual Benefits

Lightweight  
Easily Cleaned  
Excellent Optical Clarity  
Superior Impact Resistance  
Easily Cut-to-size with Standard Tools  
Anti-scratch & Other Coatings Available

**SAVE TIME! ASK YOUR LOCAL REP  
ABOUT OUR CUSTOM CUTTING  
AND ROUTING CAPABILITIES**



## Sanitizing Plaskolite Products

When disinfecting or sanitizing Optix acrylic and Tuffak polycarbonate, proper procedures should be taken. To minimize the risk of damage, use only compatible

household cleaners and correct cleaning procedures as outlined below. For more details please contact your local Piedmont Plastics representative with any questions.

### Disinfectants/Sanitizers for Plaskolite Products

Product	Cleaner/Sanitizer	Manufacturer	Compatibility
Tuffak	Steriplex SD	sBioMed, LLC	Compatible
Tuffak	Safetec Surface Wipes	Safetec of America	Compatible
Tuffak	Perodox RTU	CONTEC Healthcare	Compatible
Tuffak	Prostat Sterile Wipes PS-911EB	CONTEC Healthcare	Compatible
Optix	Hydrogen Peroxide - Pharmacy Grade	Generic	Compatible
Optix	Bleach - Household Grade	Generic	Compatible
Optix	Isopropyl Alcohol - Diluted with Water to 30% Strength	Generic	Compatible
Vivak	Hydrogen Peroxide 28%, Isopropyl Alcohol, Soap Solution	Generic	Compatible
Tuffak	Clorox Health Care Bleach Germicidal Cleaner	Proctor & Gamble	Not Compatible
Tuffak	Accel TB	Unimeg Corp	Not Compatible
Tuffak	Clorox Broad Spectrum Quaternary Disinfectant Cleaner	Proctor & Gamble	Not Compatible
Tuffak	ZEP 40	ZEP Inc.	Not Compatible
Tuffak	ZEP Spirit II	ZEP Inc.	Not Compatible
Tuffak	PDI Super Sani-Cloth	PDI Inc.	Not Compatible
Tuffak	Lysol Disinfection Spray Brand III Original	Reckitt Benckiser	Not Compatible
Tuffak	Shockwave Disinfectant	Fiberlock Technologies Inc.	Not Compatible
Tuffak	Preempt RTU Multi-Surface Disinfectant Cleaner	CONTEC Healthcare	Not Compatible
Tuffak	Clorox Regular Bleach 100%	Proctor & Gamble	Not Compatible
Tuffak	Clorox Regular Bleach 50%	Proctor & Gamble	Not Compatible
Tuffak	Clorox Regular Bleach 10%	Proctor & Gamble	Not Compatible
Tuffak	Clorox Regular Bleach 1%	Proctor & Gamble	Not Compatible
Optix	Ethyl Alcohol - Pharmacy Grade	Generic	Not Compatible

**SPECIAL NOTES : Polycarbonate and acrylic products were tested on uncoated sheets.**

Do not use unapproved cleaners or disinfectants on sheet products. Generally speaking, hydrogen peroxide and isopropyl alcohol-based sanitizers work best as disinfectants on polycarbonate and acrylic. Disinfectants containing hydroxides, dimethyl benzyl or ethyl ammonium chloride, ethylenediamines and hypochlorite will crack(craze) the polycarbonate sheets.

\*\*Because manufacturers sometimes change their formulas without notification, compatibility in perpetuity cannot be presumed.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without-guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

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