



## Kleerdex Company

## KYDEX® CL CLEAR RIGID PVC SHEET

Clear rigid PVC sheet that offers normal impact and corrosion resistance.

### GENERAL INFORMATION

Kydex CL clear sheet is masked on both sides to prevent damage to the showcase quality clear smooth surface. This material has excellent chemical resistance and is flame retardant.

### SUGGESTED END-USES

- Semiconductor processing equipment(clean rooms, quartz cabinets, etc.)
- Etching and plating tanks
- Machined and fabricated parts
- Scrubbers, hoods, ducts, and other protective equipment
- Thermoformed parts
- Aircraft interior components

### FEATURES

**CHEMICAL RESISTANCE** - Kydex CL has excellent chemical and corrosion resistance.

**FIRE RETARDANCY** - Kydex CL is flame retardant (meets UL V-0 and 5V and FAR 25.853(a)).

**QUALITY** - Kydex CL has a showcase quality surface. It is stress relieved, square, flat sheet. It stays functional and attractive over time in a wide range of demanding applications.

### FABRICATION

Kydex CL is thermoformable and is easily fabricated, welded, and machined for further expanding finished part possibilities.

PROPERTY	TEST METHOD	TYPICAL VALUE
Specific Gravity	ASTM D-792	1.38
Tensile Strength, psi (MPa)	ASTM D-638	7,500 (52)
Elongation at Break, %		15
Flexural Modulus of Elasticity, psi (MPa)	ASTM D-790	400,000 (2758)
Impact Resistance, Gardner Dropped Dart ft-lbs (J)	ASTM D-3029	>320
Shore Hardness, D	ASTM D-2240	76
Heat Deflection Temp, HDT, @264 psi (1.8MPa), °F (°C)	ASTM D-648	136 (58)
Flammability	UL 94 FAR 25.853a	V-0, 5V pass
Light Transmittance, %	ASTM-D1746	85
Haze Value, %	ASTM-D1003	2.5