PALCLEAR® IND
Transparent PVC Sheet for Industrial Applications

PALRAM

Overview

PALCLEAR IND provides versatile solutions for industrial applications in commercial environments including retail, healthcare, food service and manufacturing.

PALCLEAR IND has remarkable mechanical properties. It offers excellent fire resistance and withstands physical impact. It can be thermoformed and joined with mechanical fasteners and is easily fabricated using conventional tools.

PALCLEAR IND withstands many chemical agents, industrial cleansers and sanitizers unlike acrylic and polycarbonate. Plus, PALCLEAR IND has protective film on two sides to help keep it clean and scratch-free during installation.

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Main Benefits

- More economical than other impact plastic products
- Superior chemical & corrosion resistance
- Better fire resistance than acrylic or Polycarbonate - Fire rating: UL 94 V-0
- Better abrasion resistance than Polycarbonate and PETG
- Can be thermoformed, vacuum formed, heat-bent and fabricated
- Protective film masking on two sides
- Easy to fabricate or machine
- 100% recyclable thermoplastic
- Made in the USA

Typical Applications

- Protective partitions, barriers, dividers for retail, office, healthcare, restaurant and manufacturing environments.
- Chemical processing areas
- Semiconductor/server rooms
- Decontamination rooms
- Wet-process equipment, splash guards
- Vapor blocking and fume exhaust hoods
- Machine and conveyor guards
- Chemically resistant safety glazing
- Fabrication and forming applications

PALCLEAR® IND

Available Dimensions for PALCLEAR IND

Call Palram for up-to-date availability on unlisted products and run to size orders.

Thickness in. (mm)	Dimensions in.
0.118"- 0.236" (3 - 6mm)	48" x 96"

Special dimensions are available with minimum order requirements.

Color

Transparent

Flammability

PALCLEAR IND sheets are self extinguishing and comply with the most demanding international fire resistance standards as indicated in the table below.
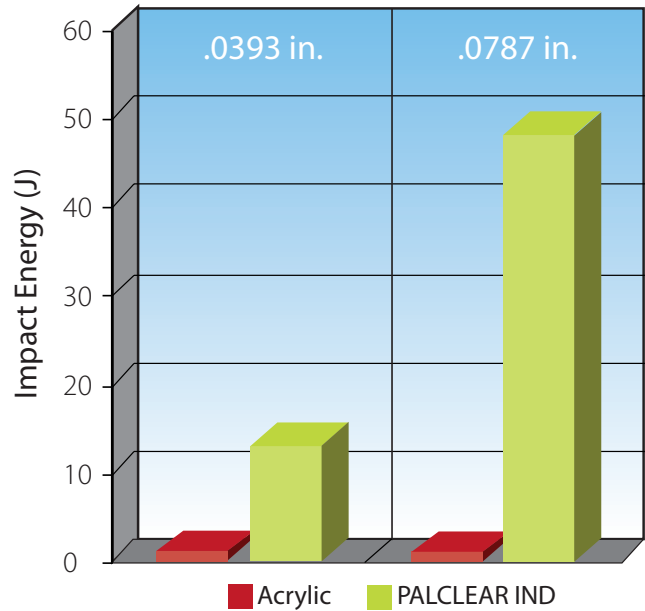
Standard	Classification*
DIN 4102	B-1
BS 476/7	Class 1
NSP 92501,5	M-1, M-2
EC 695.2.1	Self-extinguishing
CSE RF 3/77	Class 1
UL 94	V-0
ASTM D-635	CC1

* Depends on thickness.

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Impact Resistance

PALCLEAR IND offers a wider choice to fabricators for components and fabricated parts particularly when compared to the impact properties of acrylic and polystyrene sheets.

Impact Strength Comparison at 73°F
(ISO 6301/1 E50)

■ Acrylic   ■ PALCLEAR IND