



Polymeric Optically Clear Permanent Printable

DATA SHEET

Commercial grade media for indoor or outdoor graphics on window / glass partition or applications where clarity matters.

Description

High performance ultra crystal clear polymeric film for inkjet printing.

| | |
|---------------|-------------------------------|
| Face film | Calendered polymeric PVC |
| Thickness | 75 micron (3mil) $\pm 5\%$ |
| Item# & Color | 1000-P990 ultra crystal clear |

Release liner

High quality silicone coated PET made in Taiwan, offering extra clarity without orange peel effect, and traction coating to rid of statics during printing

| | |
|------------------|--|
| Thickness | 3mil (=75 micron) $\pm 5\%$ |
| Color and Finish | traction backed polyester liner without logo |

Adhesive

Clear acrylic, permanent, solvent-based adhesive non-residue, made in Taiwan.

| | |
|--------------------|---------------------------------------|
| Thickness | 25 micron $\pm 2\%$ |
| Apply Temp. | +10°C ~ +40°C |
| Adhesion (20 min) | 1,200 g/25mm |
| Adhesion (24 hour) | 1,500 g/25mm |
| Cohesion | 24 hours \uparrow with 1 kg loading |

Application

Suitable for indoor or outdoor graphics, decoration, advertising, wrapping on window / glass partition or applications that requires clarity.
Printable with solvent, eco solvent, UV and Latex printer.

Storage

Shelf life is 1 years in original packaging, at 25°C and 50% relative humidity.

Length and Width

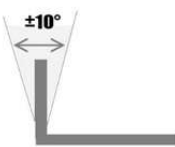
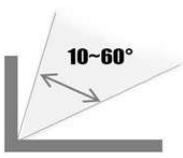
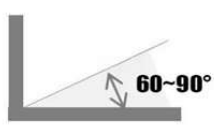
| | |
|--------|-------------------|
| Length | 45.7 meter (150') |
| Width | 54" (=1,370mm) |

Temperature

Recommended application temperature: 15°C~32°C (for optimum ease of use).
Service temperature: -30°C~+70°C (not for long periods of time at the extremes).

Durability and Exposure & Climate Condition

Outdoor durability: Up to 5 years depending on exposure angle and climate condition, based on unprinted film vertical exposure.

| Exposure angle | Durability | | i.e. 5 years product for zone 3 |
|---|------------|--------|---------------------------------|
| | Zone 1 & 2 | Zone 3 | |
| Vertical  | 100% | 50% | 5 years X 50% = 30 months |
| Non vertical  | 60% | 30% | 5 years X 30% = 18 months |
| Horizontal  | 30% | 15% | 5 years X 15% = 9 months |

Zone 1: Andorra, Armenia, Austria, Azerbaijan, Belorussia, Belgium, Bosnia-Herzegovina, Canada, Croatia, Czech Republic, Denmark, Estonia, Finland, metropolitan France, Georgia, Germany, Greenland, Hungary, Island, Ireland, Italy (north of Rome), Kazakhstan, Latvia, Lichtenstein, Lithuania, Luxembourg, Moldavia, Montenegro, Norway, the Netherlands, Poland, Romania, United Kingdom, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, Ukraine, USA (excl.: USA desert's - zone 3).

Zone 2: Afghanistan, Albania, Argentina, Australia (southern States), Bahamas, Barbados, Belize, Bangladesh, Bhutan, Burma, Bolivia, Brazil, Bulgaria, Cambodia, Cape Verde, Caribbean islands, Chile, China, Cooperative Republic of Guyana, Cuba, Cyprus, Colombia, Costa Rica, Crete, Ecuador, El Salvador, Fiji, French West Indies, Greece, Guatemala, Guyana, Haiti, Honduras, India, Indonesia, Italy (south of Rome), Jamaica, Japan, Kyrgyzstan, Korea, Laos, Lesotho, Macedonia, Malaysia, Maldives, Malta, Mongolia, Nepal, Nicaragua, New Zealand, Pakistan, Panama, Papua-New-Guinea, Paraguay, Peru, Philippines, Polynesia, Porto Rico, Portugal, Dominican Republic, Sardinia, Singapore, South Africa, Spain, Sri Lanka, Surinam, Swaziland, Syria, Tajikistan, Taiwan, Thailand, East Timar, Turkey, Turkmenistan, Uruguay, USA (Arizona, California, Florida, Nevada, New Mexico, Texas, Utah), Uzbekistan, Venezuela, Vietnam, West Indies.

Zone 3: Algeria, Angola, Australia (northern and desert states), Bahrain, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Congo, Democratic Republic of Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Iraq, Iran, Israel, Ivory Coast, Jordan, Kenya, Kuwait, Lebanon, Liberia, Libya, Madagascar, Malawi, Mali, Morocco, Mauritius, Mauritania, Mexico, Mozambique, Namibia, Niger, Nigeria, Oman, Palestine, Qatar, Reunion Island, Rwanda, Senegal, Saudi Arabia, Sierra Leone, Somalia, Sudan, Tanzania, Togo, Tunisia, Uganda, United Arab Emirates, Western Sahara, Yemen, Zambia, Zimbabwe and all desert areas.