



Polymeric Translucent Backlit Printable

DATA SHEET

Premium quality polymeric film with high translucency and stayflat liner to ensure best performance on internally illuminated signage for outdoor application

Description

High performance polymeric translucent backlit vinyl for inkjet printing.

Face film :	Polymeric Nanya brand made in Taiwan
Thickness :	3.5mil (90 micron) $\pm 5\%$
Item# / Color :	1000-509T / Translucent matte white
Shrinkage :	< 1mm

Release liner

Superb quality paper imported from Japan.

Spec	90# double-PE coated silicone paper liner
Thickness	180 micron $\pm 5\%$
Color and Finish	White without logo

Adhesive

Clear Acrylic, permanent non-residue, solvent-based adhesive.

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

For internally illuminated signage / light boxes, printable with solvent-based, UV and Latex.

Storage

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

Length and Width

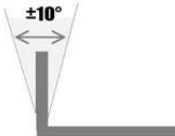
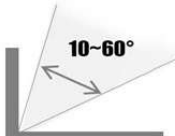
Length	45.7M (150')
Width	1.37M (54")

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.