Chiefway

ADHESIVE TRANSPARENT – **LED** FILM –

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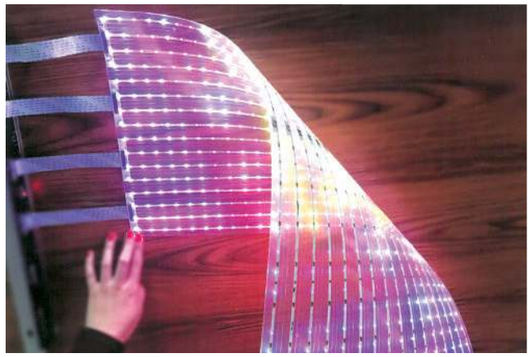
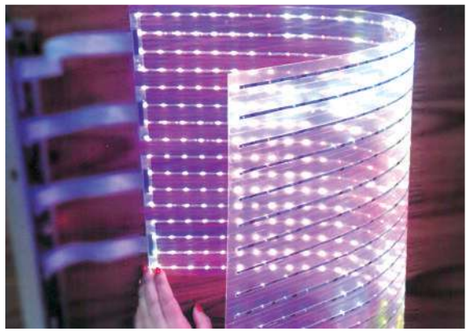
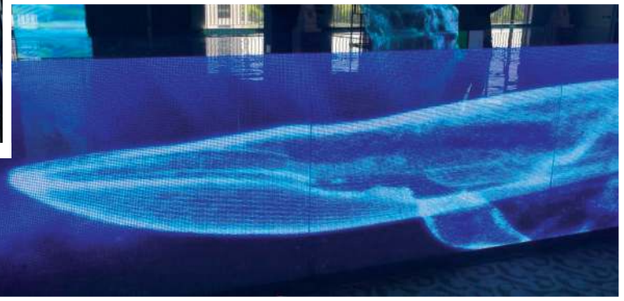
ADHESIVE TRANSPARENT LED FILM

Globally Unique Bare Wafer Technology; The adhesive led screen boasts lightness, thinness, and transparency. It is bendable and clipping. It can be directly stuck to glass curtain walls without affecting the original structure of architectures and indoor daylight. The screen is perfectly integrated into the glass when seen from a distance.







TO OVERCOME THE DISADVANTAGES OF THE CONVENTIONAL LED SCREEN:

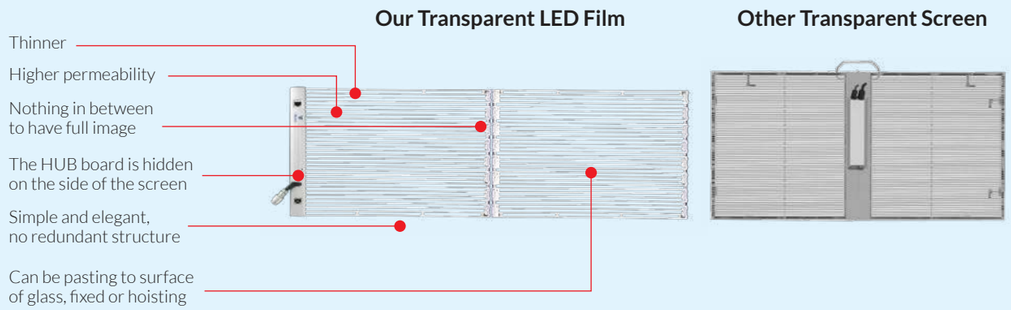
- Heavyweight, complex structure and difficult installation
- Bad and strange appearance
- Black screen without transparency and view obstruction

THE ADVANTAGES OF ADHESIVE TRANSPARENT LED FILM

- Super-light, Ultra-thin, Highly-transparent
- Simple and beautiful appearance, to enhance the level
- Clipping and bendable, to suit the arc structure
- No components on the screen, hidden power supply, safe and reliable
- Waterproof, fireproof, anti-collision, not fear for outside disturbance
- The principle of pinpoint heat dissipation, strong heat dissipation, no thermal accumulation, long working life
- Clean playing images, to save 30% energy
- Static drive, high refreshing, high brightness
- Easy installation without damaging the original structure of architecture
- Quick operation and remote control

COMPARISON

Category	Adhesive LED Film	Conventional LED Screen
Weight	≤3.5 kg/m²	20~30 kg/m²
Thickness	≤3 mm	Cabinet thickness: 150~250 mm
Light Transmission	60% to 90% light transmission in any direction	Not transparent, black in all
Installation	Easy installation structure	Complex installation structure
Flexible & Clipping	Bendable and clipping	Unable to clip and bend
Progressiveness of Technology	Bare wafer technology	Traditional led technology
Drive Mode	Static drive	Dynamic drive
Heat Dissipation	Principle of pinpoint heat dissipation, strong heat dissipation, long working life	Traditional technology of heat dissipation
Structural Installation	Not changing the original building structure	Changing the original building structure
Maintenance	Remove and replace in one minute	Difficult to change modules, high cost
Cost of External Structure	Low cost of structure	High cost of structure
Destructiveness	Resistance to fall, crack, collision and pollution	no resistance to fall, crack, collision and pollution
Failure Rate	Less connectors, low failure rate	More connectors,easy short circuit, more failure
Energy Saving	Save 20% to 40% energy than conventional screen, less power consumption	Not energy-saving
Production Environment	1000-level and 10000-level purification workshop	General workshop
Daily Maintenance	The dust can be wiped and swept	Easy to accumulate dust
Waterproof & Fireproof	Waterproof and fireproof on both sides	Not waterproof and moisture-proof
Working Life	More than 8 years	3 to 6 years



INTERNAL VIEW

LED FILM SPECIFICATIONS

Model	P4*8	P6.5	P10	P16	P20
LED Film Size (mm)	480x256	481X208	480x320	480x192	480x320
Pixel Density (Pixel/m²)	31250	23670	10000	3906	2500
Transparency	≤60%	≤50%	≤68%	≤80%	≤83%
Weight (Kg/m²)	≤3.5	≤3.5	≤3.5	≤3.5	≤3.5
Thickness (mm)	≤3	≤3	≤3	≤3	≤3
Pixel Pitch (mm)	4X8	6.5X6.5	10X10	16X16	20X20
Brightness (cd/m²)	≤5000	≤5000	≤5000	≤5000	≤4500
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Refresh Frequency (Hz)	≥1920	≥1920	≥1920	≥1920	≥1920
Average Power Consumption (w/m²)	≤320	≤320	≤230	≤210	≤210
Maximum Power Consumption (w/m²)	≤950	≤950	≤700	≤650	≤650
Operation Temperature (°C)	-20°C-55°C	-20°C-55°C	-20°C-55°C	-20°C-55°C	-20°C-55°C
Operation Humidity (RH)	10%-90%	10%-90%	10%-90%	10%-90%	10%-90%
Control System	Nova	Nova	Nova	Nova	Nova

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Manufactured By:

CHIEFWAY OPTRONICS (MALAYSIA) SDN BHD
Co. No. 1173254-H

Office:
D-G-9

Production & Showroom:
D-G-8

Block D, Seri Gembira Avenue,
No.6, Jalan Senang Ria, Taman Gembira,
58200 Kuala Lumpur, Malaysia.

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