

IBERHERMES

FULL VISION

NBE Technology

For Outdoor Displays & Ruggedized Touch Screens



With
NBE Technology

Under the sunlight





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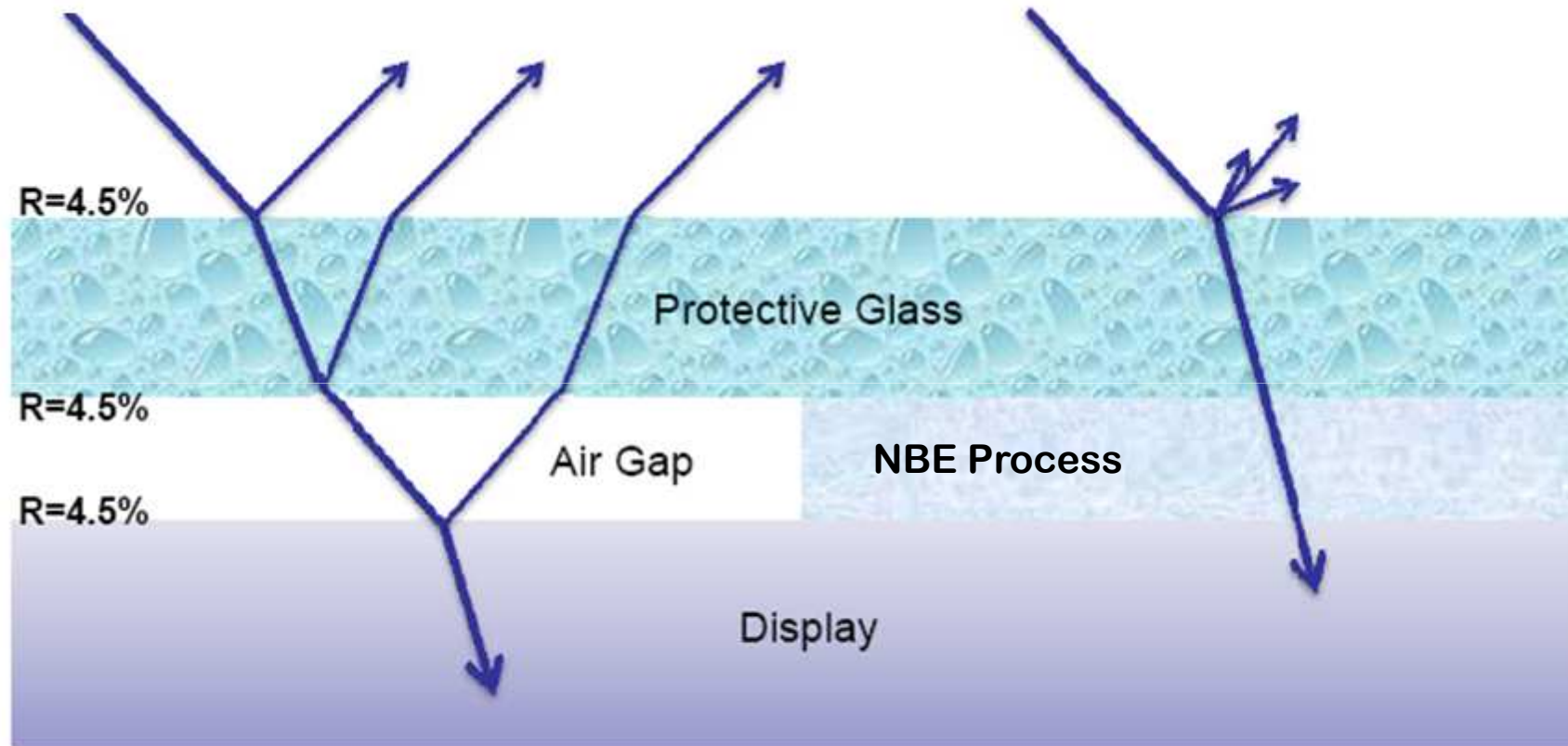
What is NBE Technology ?

The affixing of two rigid optical elements using transparent adhesive to reduce reflectance and provide vandal resistance





NBE Technology eliminate reflections of 2 surfaces :



Total reflection = 13.5%

Total reflection $<0.2\%$
if additional AR coating is added to
top surface



Unique Advantages of NBE Technology

- Re-workable in-line and after sales
→ Lower cost of ownership
- No Shadowing Effect
→ Work with touch panels, printed glass, acrylic, EMI shielding film, polarizer, etc.
- Better Durability
→ No de-lamination, discoloration, crystallizing, bubbling, aging or hardening issues
- Higher Impact Absorption
→ Better mechanical robustness & less pooling
- Suitable for rush environment (eg. -40~85 °C storage temperature for glass NBE)
- Environmental friendly process & materials

Available Options



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- Top Lens:
 - Glass
 - Different thickness (0.4mm+)
 - Normal, chemically or heat strengthened
 - Glare, AR, AG, AS
 - One-sided AR coating recommended
 - Touch
 - Resistive
 - Surface Capacitive
 - Projective Capacitive
 - Optical
 - Acrylic Glass
 - PMMA
 - PC
- Bottom Layer:
 - Glass
 - LCD
- NBE Thickness:
 - 1 mm (standard) ~ 0.5 mm
- Multi-Layer NBE
 - Touch + Privacy Film + Glass
 - Touch + Glass + LCD
- Sizes: 2" ~ 26"
(26" ~ 52" under development)