

# Vueguard AR-Wet Coatings

eliminate disturbing reflections on PMMA



## Vueguard AR-Wet Coating - the cost effective AR

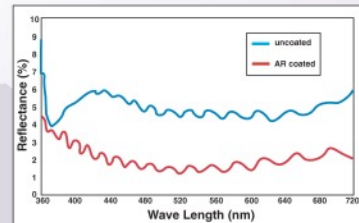
PCI's Vueguard Wet-AR coating is a cost effective coating alternative to our exclusive Vueguard AR Coating. AR works by applying a series of very thin layers of metal oxides to increase the transmission of light through the substrate. This coating should be used for all displays and information boards where reflection is unwanted.

Everybody wants information at a glance. Often safety considerations make it even more important that displays are extremely easy to read e.g. on medical equipment or navigation computers.

Anti-reflection coating (or Multi-layer AR) works differently to Non-glare as it does not require any surface texture to reduce reflection. Anti-reflection works by applying a series of very thin layers of metal oxides on to the surfaces of plastics or glass. By careful design of these layers, light hitting the surface will not be reflected but instead transmitted through the material. This results in improved clarity and light transmission with a great reduction of unwanted reflections.

With our new and improved AR-coatings, PCI takes another step towards making customers' displays perfect.

**Applications:** Anti-Reflection Panels for LCD, CRT, EL, PDP, VFD, FED, Bar Code Scanners, etc.



The Vueguard AR-Wet sol-gel process offers a respectable transmission of 96% on PMMA which leads to improved clarity and considerable reduction of unwanted reflection. The substrates can be machined in any way usually used with PMMA.

	Vueguard AR-Wet
Light transmission	96%
Reflectance	4%
Pencil hardness	5 H