

400nm

500nm

600nm

700nm

750nm

**PCI****PERFORMANCE  
COATINGS  
INTERNATIONAL**

## MAXGUARD AG-5

The MaxGuard AG-5 is a primer less, UV curable, low gloss, textured hard coating system designed specifically for smooth keyboards offering long term wear and mar resistance.

While the MaxGuard AG-5 has been designed for ABS, PC and PMMA substrates other polymeric keyboard blends may benefit from its use.

PCI assumes no obligation or liability for any information furnished by it or results obtained with respect to these products. All such advice is given and accepted at the buyer's risk. Users should be governed by their own tests, made under conditions representative of those to which the product will be subjected in actual service. Users assume all risks and responsibilities associated with the proper handling, use and disposal of the material.

## Mechanical Test Data

### Adhesion Test

Adhesion (ASTM D-3359):

PC	PMMA	ABS
100%	100%	100%

### Wear Resistance Test

Wear Test Resistance (1): > 50,000 cycles – No Change

(1) ABS Substrate, 200 grams load @30cycles/min., 38 mm stroke with CS 5 felt tips

### Scratch/Abrasion Tests

Scratch/Abrasion Resistance (PC):

Steel Wool Scratch Resistance (2): 51 psi – No Scratches

Pencil Hardness (3): F

(2) Rotary test representing severe scratching using #0000 steel wool pad at load @ 5 rotations

(3) PC Substrate, ASTM D3363 (750 grams @ Mitsu-Bishi Hi Uni pencils

**INNOVATIVE COATINGS THROUGH RESEARCH**