



VUEGUARD® 401 AG-10 A

The Vueguard® 401 AG-10 A is a UV curable, low gloss, soft feel, hard coating system optimized for ABS keyboards offering exceptional long term wear and scratch resistance with excellent anti-microbial properties.

While the Vueguard® 401 AG-10 A has been designed for ABS, PC and PMMA substrates other polymeric keyboard blends may benefit from its application.

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): > 300,000 cycles – No Change

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

Scratch/Abrasion Tests

Scratch/Abrasion Resistance (PC):

Steel Wool Scratch Resistance (2): 5 psi – No Scratches

Pencil Hardness (3): H

(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