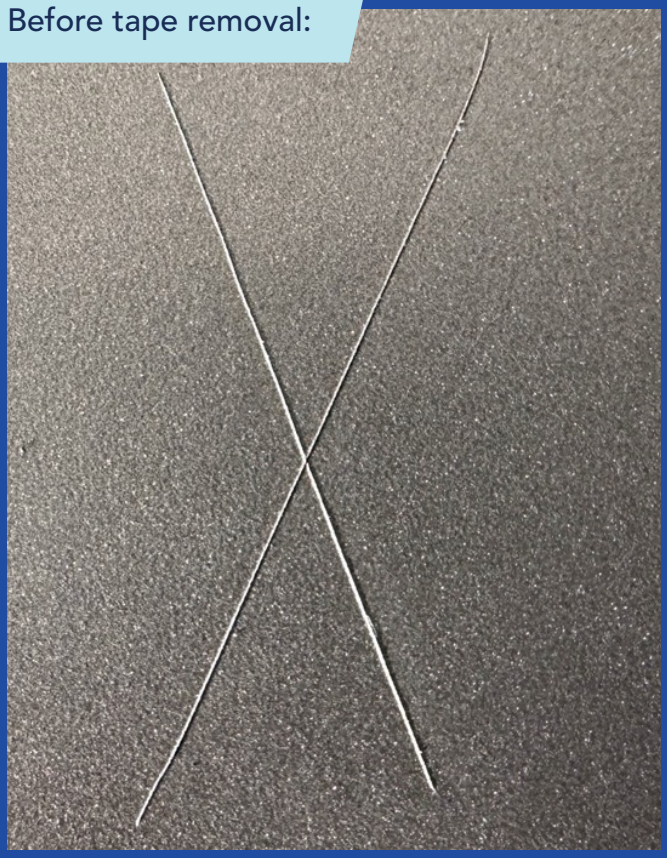
Maintain a professional presence with the durable Dell Latitude 5440

In our scratch test, the paint of the laptop retained its thickness, integrity, and original appearance

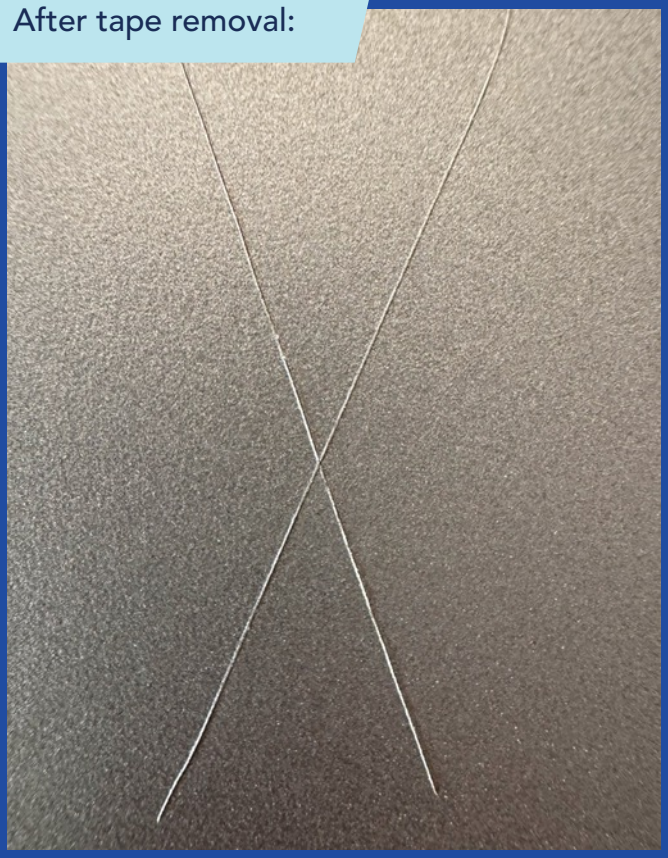
In every part of your workday, you likely want to put your best foot forward. That includes showing up with a laptop that looks nice and professional. The Dell™ Latitude™ 5440 has a durable paint coating that can minimize paint chipping and flaking to help you keep up appearances. In addition to cosmetic concerns, peeled and chipped paint could expose parts and materials underneath, which could lead to corruption of functionality or data.

The American Society for Testing Materials (ASTM) notes that "[a]dhesion is a strongly desired quality between a coating and a substrate, as it allows the coating to fulfill its function of protecting or decorating the substrate."[1] In accordance with ASTM D3359-23 Test Method A, which aims "to measure adhesion and indicate results as the force required to rupture the coating/substrate bond under prescribed conditions,"[2] we cut an X to the substrate on the top of the laptop. We then applied pressure-sensitive tape and peeled it off 90 seconds later. The result? The tape did not pull off any paint from the cuts, and the paint retained its appearance and thickness despite the X.

Before tape removal:



After tape removal:



See how we tested at https://facts.pt/irtBa18

Principled Technologies®

1 Brad Kelechava, "ASTM D3359-23: Tape Test Methods for Measuring Adhesion," accessed January 19, 2024, https://blog.ansi.org/astm-d3359-tape-test-methods-measuring-adhesion/.

2 Brad Kelechava, "ASTM D3359-23: Tape Test Methods for Measuring Adhesion."