

Material Brands & Attributes Guide

BradyID.com

Product Performance Icons

Brady's implementation of a series of attribute icons provides customers with at-a-glance information on performance attributes for each of the label materials. Watch for these icons to help you easily identify product performance features that fit your needs.



Abrasion Resistance

- Resistance proven with testing on Taber Abraser equipment with CS10 grinding wheels and weighted arms. Print is still legible after 100 cycles.



Ultra-Aggressive Adhesion

- Measures the force required to remove tape from the surface with a 180° peel and a constant rate of 12 inch/min. Meets an adhesion rate of at least 155 oz/in.



Solvent/Chemical Resistance

- Resistance proven with MEK / Acetone / Toluene / Xylene Immersion Test
- 5 cycles of 10 min immersions followed by rub test with cotton swab. No visible effect or print removal.



Outdoor Durability

- Favorable UV & weatherability testing equating to 3 years or greater outdoor durability.



Fuel/Oil Resistance

- Resistance proven with Immersion Test in Gasoline, Break Fluid, SAE 30wt Oil, JP-8 Jet Fuel, MIL-H- 5606 Oil.
- 5 cycles of 10 minute immersions followed by rub test with cotton swab. No visible effect or slight print removal.



Removable

- Indicates material can be removed cleanly with no adhesive residue left on surface.



High Heat Resistance

- Resistance to 212°F (100°C). Labels subjected to a range of temperatures for 30 days or 1000 hours. No visible effect or label still functional.



Tamper-Indicating

- Materials indicate tampering through a visible fractured label or footprint.



Low Temperature Resistance

- Labels subjected to -40°C, -70°C or -80°C for 30 days or 1000 hours. No visible effect or label still functional.



Electrostatic Dissipative

- Material has surface resistivity values in the recommended range for Dissipative ESD Packaging Materials.



Self-Extinguishing Anti-Flammability

- Flammability average burn time = <30 seconds Flame spread index of 0



Temperature-Indicating

- Indicates highest temperature exposure



Water-Indicating

- Indicates presence of liquid



View The Technical Data Sheets

Brady offers online access to Technical Data Sheets for all Brady materials. View by a specific B-Number or search by relevant keywords.

Visit [BradyID.com/techdata](https://bradyid.com/techdata) for more information.

