Materials Group
Label and Packaging Materials

Technical Guide
North America

Durables Adhesive Selection Guide

AVERY DENNISON

Five core adhesives provide simple selection and optimal performance

Condition/PET Face	S8001	S8015	S8025	S8029	S8049
Low surface energy substrates*	◑	◕	◑	◕	●
Textured Surfaces**	◑	◑	◑	◕	●
Water resistance, 4 Hr Immersion	◑	●	●	●	●
Chemical resistance***, 4 Hr Immersion	◕	●	◕	◕	◕
Outdoor exposure, ASTM G155	◕	◕	◕	◕	◕
Low temperature , up to -40C, HSE/LSE	● / ●	● / ◑	● / ●	● / ●	● / ●
High temperature, up to 180C	●	●	●	◕	◕
Small diameter (1", PET Rod)	◕	◑	●	●	●
Shear	◑	●	◕	◔	◔
Oily substrate	◔	◑	◑	◕	●
Humidity	◔	●	●	●	●
UL/CSA	See Customer-Ready™ Durables Portfolio				

*LSE: e.g. PP, HDPE, LDPE
** Textured Surfaces: e.g. Powder Coated Paints, Textured Plastics
*** Chemicals: e.g. IPA, Oil, Gas Splash, Diesel, Detergent, Brake Fluid

Label Adhesives

S8001 Best overall performing emulsion adhesive - white goods, electronics where compliance is required such as UL (PC, ABS)

S8025 Best overall performing solvent-based adhesive, good chemical resistance combined with adhesion to plastics, modified acrylics - white goods, electronics, electrical, plastic parts in Auto underhood

S8015 Excellent chemical resistance and low T performance - oil filters, AL housings in Auto, HVAC, outdoor equip, small diameter)

S8029 Premium adhesive for very difficult to label applications where a smooth bonding surface is used

S8049 Premium adhesive for very difficult to label applications where a textured bonding surface is used

S8020 Overlamination adhesive with excellent performance in outdoor/ severe environmental conditions

S4600 Aggressive adhesive designed for drum label applications

S6600 Molded plastic applications (e.g. car batteries)

S8092 High adhesion to ilicone surfaces

R143 "Permanent removable" adhesive with clean removability

TS8000 Specially designed for tire labeling

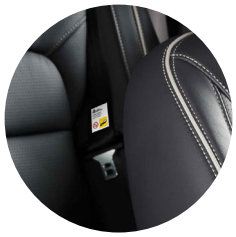
C2580 Excellent low temperature performance on LSE, high initial tack and ultimate bond strength (e.g. Lumberwrap applications)

S730 Best Mandrel performing adhesive

I406K Solvent Rubber which gives improved chemical, Temperature and conversion over a typical hot melt

Label Application

Automotive
Adhesives with a broad array of funtionality, designed for specific applications and locations within the vehicle



Interior
Adhesives that adhere to a wide variety of plastic, textile and metal substrates, along with good chemical resistance

Appliance
Adhesives that perform on surfaces that are textured; powder coated, plastic; or have come in contact with chemical cleaning agents and meet UL/ CSA Indoor standards

Fire Extinguisher
Adhesives which achieve a permanent bond on FE canisters and comply to UL299

Exterior
Adhesives that endure exposure to weathering, UV, salt and abrasion

Underhood
Adhesives that withstand extreme temperatures and have good chemical resistance

Drum
Adhesive needs to permanently bond to plastic and metal chemical containers which comply to BS5609 Section 2, including marine immersion.

L&G
Adhesives which have UL/ CSA recognition, outdoor performance, and chemical resistance on textured metal and plastic substrates

Medical Device

Adhesives that are UL certified for IEC 60601-1 standard (for electrical equipment) and are resistant to a variety of chemicals

Tire POP

Adhesives designed for use on rough and difficult-to-label tire surfaces, but still remove after purchase

Safety & Warning

Adhesives which have UL/ CSA recognition on plastic and metal substrates

Tire Vulcanized

Adhesives with highly specialized formulation to withstand temperatures up to 200C for application to pre-cured tires

Wire Marking

Adhesives designed for flag, tag and wrap-around labels over a number of substrates

HVAC

Adhesives which have UL/ CSA recognition, chemical resistance and extended outdoor performance on textured metal and plastic substrates

Materials Group
Label and Packaging Materials

Technical Guide
North America

label.averydennison.com 11/2025

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison products are sold subject to Avery Dennison's general terms and conditions of sale found at label.averydennison.com/en/home/terms-and-conditions.html.

© 2025 Avery Dennison Corporation. All rights reserved. The "Making Possible" tagline, Avery Dennison and all other Avery Dennison brands, product names and codes are trademarks of Avery Dennison Corporation. All other brands or product names are trademarks of their respective owners. Fortune 500® is a trademark of Time, Inc. Branding and other information on any samples depicted are fictitious. Any resemblance to actual names is purely coincidental.

AVERY DENNISON

MAKING POSSIBLE™