

Durables Adhesive Selection Guide

Finding the right adhesive can be difficult. This guide was designed to help you choose the best adhesive that meets your specific application.



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 silicone 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 functionality, designed for specific applications and locations within the vehicle



Exterior

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



Interior

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



Underhood

Adhesives that withstand extreme temperatures and have 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



Drum

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



Fire Extinguisher

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



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



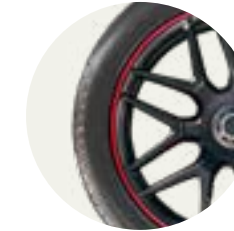
Tire POP

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



label.averydennison.com

07/2021

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.

© 2021 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.