



INTRODUCING LOCTITE® AA 3048™

FOR LOW ENERGY PLASTICS REQUIRING HIGH STRENGTH,
DURABILITY, AND FAST BONDS



LOCTITE AA 3048 is a high strength, fast-fixturing two component acrylic adhesive system designed for bonding low energy plastics without surface pretreatment. This easy to use, 1:10 mix ratio product cures at room temperature, forming tough, and durable bonds. It also maintains performance at elevated temperatures. This product requires no refrigeration and has a two year shelf life.

LOCTITE AA 3048 is ideally suited for assembly applications where hard-to-bond materials are used and combined with other substrates. Some examples include hand and industrial tools, appliances, small electronics, e-machinery and durable medical equipment (not intended for use on medical devices).

BENEFITS OF LOCTITE 3048:



INCREASE PRODUCTIVITY.
Develops handling strength in minutes



SIMPLIFY DESIGN.
Bonds low energy plastics without pre-treatments, as well as many other plastics, metals and glass



IMPROVE DURABILITY.
Superior performance at elevated temperatures



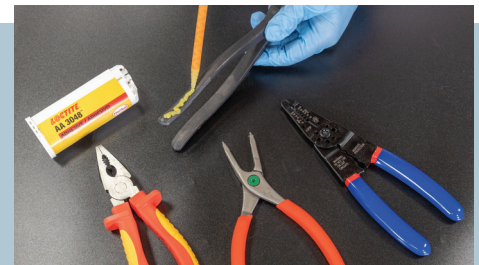
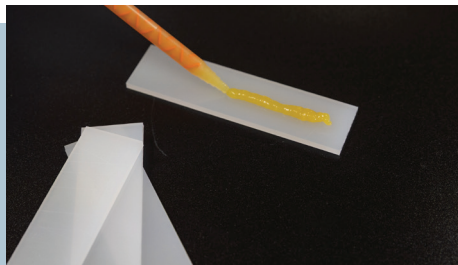
ENHANCE SAFETY.
Low odor, non-flammable, formulated without halogens and solvents

KEY PERFORMANCE PROPERTIES*:

Technology	Acrylic	Viscosity – Part A	40,000 – 110,000 cP
Components	2	Viscosity – Part B	5,000 to 20,000 cP
Mix Ratio (By Vol)	1:10	Working Time @ 25°C	10 mins
Appearance Part A	Light beige to yellow	Cure Time @ 25°C	24 - 72 hours
Appearance Part B	Light brown to caramel	Fixture Time: HDPE	< 25 mins
Appearance Mixed	Light yellow to brown	Block Shear Strength on HDPE:	1,750 PSI (12 N/mm ²)
Shelf Life @ 25°C	2 years	Block Shear Strength on LDPE:	1,350 PSI (9.3 N/mm ²)

Viscosity: Cone & Plate, 25°C, mPa·s (cP): Cone CP25-2 @ shear rate 20 s⁻¹

Fixture Time: Time to develop a shear strength of 0.1 N/mm². ISO 4587



PRODUCT ORDERING & DISPENSING SOLUTION INFORMATION:

LOCTITE AA 3048 Package	IDH	Recommended LOCTITE Dispensing Equipment	IDH
50 ml Dual Cartridge	3023971	50 ml Manual Dispense Gun 50 ml Pneumatic Dispense Gun Mix nozzle	1034026 Request a quote 1034575
490 ml Dual Cartridge	3029755	490 ml Manual Dispense Gun 490 ml Pneumatic Dispense Gun Mix nozzle	2693823 2693825 1084255
5 gallon Pail Part A 5 gallon Pail Part B	3017704 3023412	Compatible with common industry meter-mix dispense systems. Please contact your LOCTITE representative.	

*The data contained herein are intended as reference only. Please contact Henkel Technical Support Group for assistance and recommendation on specifications for these products.

