



🏠 Industrial Adhesives & Tapes

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# 3M™ Hot Melt Adhesive 3748-Q Off-White, 5/8 in x 8 in, 11 lb

3M ID 62374891323 UPC# 00021200763748 Part Number 3748-Q 3M Product Number 3748-Q

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3M™ Hot Melt Adhesive 3748 is a tough, flexible hot melt adhesive with exceptional low temperature thermal shock properties that is able to provide optimal adhesion in fluctuating temperatures. As a 100% solids thermoplastic resin, this hot melt adhesive offers excellent durability for a wide variety of applications.

- High temperature performance and thermal shock resistance
- Formulated for bonding low surface energy plastics and coatings to dissimilar materials
- High peel delivers long-term strength and durability

Where to Buy

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**Provides High Temperature Stability 175°F / 79°C for a Durable Bond**

3M™ Hot Melt Adhesive 3748 provides good resistance to heat, impact, fuel and oil. It is manufactured using 100% solids, thermoplastic resin for use with a 3M™ Hot Melt Applicator. This adhesive provides high temperature stability 175°F / 79°C with a 25-second open time that is sufficient for fit positioning and adjusting. 3M™ Hot Melt Adhesive 3748 will bond wood, polypropylene, electronics, vinyl and lightweight substrates on furniture, automotive interiors, outdoor applications, small appliances and general product assembly.

**Recommended Applications**

- Transportation interiors
- Seating attachment
- General product assembly

**Understanding Hot Melt Adhesives**

Hot melt adhesives, also known as glue sticks, are liquefied thermoplastic adhesives available in both low and high-temperature versions. Low temperature hot melt adhesives are applied at 250°F/121°C temperatures, which makes them ideal for bonding electronics, plastics, cloth and other heat sensitive materials. High temperature hot melt adhesives are applied at 380°F/193°C and produce a stronger bond than the low temperature hot melts.

Melted adhesive is extruded through a nozzle using a 3M Hot Melt Applicator by either pneumatic pressure, a mechanical trigger mechanism, or with pressure applied directly on the stick. Different nozzles can be used to apply thin, wide strips or narrow, thicker beads. Hot melt adhesive generally sets quickly, ranging from a few seconds to a few minutes, depending on the adhesive formulation.

**Bringing Better Ideas to the Surface through Science and Innovation**

In our 3M Industrial Adhesives and Tapes Division, we apply the science of adhesion to deliver innovative solutions that improve the design and manufacturing processes of companies around the world. In the end, our technologies help customers like you deliver competitive products to the market faster and more efficiently.

Attributes	
Applications	Sealing, Potting and Encapsulating
Brand	3M™
Color	White
Industries	Automotive, Construction, Furniture, Signage, Consumer Goods, Specialty Vehicle, Transportation, General Industrial, Military & Government, Retail, Electronics, Woodworking, Packaging
Length	8 Inch

**Substrates** Plastic, Hard-to-Bond (LSE), Metal, Foam, Wood, Plastic, Easy-to-Bond (HSE)

**Width** 0.62 Inch

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