

LOCTITE®

Loctite® 5610 Two-Part Silicone Adhesive Sealant



Product Information

Product	Pack sizes	IDH No.**
Loctite® 5610 A&B Black	400 ml dual cartridge*	1043815
Loctite® 5610 Black Part A	17 l pail	1039401
Loctite® 5610 Part B	17 l pail	1043814
Loctite® 5610 Black Part A	160 l drum	1043813
Loctite® 5610 Part B	160 l drum	1043812



Dispensing Equipment

Product	Pack sizes	IDH No.**
Dual Cartridge Manual Applicator Hand-held, manually operated dispenser	400 ml	218312
Dual Cartridge Pneumatic Applicator Hand-held, pneumatically operated meter mix applicator	400 ml	218311
Mix nozzle Stepped tip, 5.125" Overall length, 7.5 mm	10 pcs	478563
Extrusion Pail Pump For pails and drums		647717



* 400ml dual cartridge contains both parts A and B.
** IDH-No. refer to UK and German product version.



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Loctite® 5610 Two-Part Silicone Adhesive Sealant



Fast curing elastic adhesive sealant Loctite® 5610 bonds and seals with excellent adhesion to metal, glass, ceramics and most plastics & elastomers.



Achieving fast cure speed, independent of narrow or wide joint application areas, Loctite® 5610 offers handling strength within minutes.

High strength and flexibility with excellent humidity and heat resistance makes Loctite® 5610 the ideal solution in a host of applications.

Loctite® 5610 is based on neutral cure technology offering health & safety advantages, low odour and no release of acetic acid avoiding metal corrosion or degradation of plastic materials.

Versatile Solution

- ▶ **Fast curing:** Reduces handling and work-in-process
- ▶ **High adhesion:** No surface preparation required for many substrates
- ▶ **Unlimited depth of cure:** Cures in narrow and wide joint application areas
- ▶ **Temperature resistant:** Continuous temperature up to 180°C with transient peaks of up to 250°C
- ▶ **Automation:** Easy to dispense with Loctite® equipment

Technical Data

GENERAL PROPERTIES	
Mixing ratio	2:1 by volume
Shelf life	12 months
Colour	Black
CURING PROPERTIES	
Open time	3 min
Fixture time	5 min
Tack free time	5 – 7 min
PERFORMANCE PROPERTIES	
Tensile strength	1.4 N/mm ²
Elongation at break	200%
Shear strength, aluminium	1.1 N/mm ²
Shear strength, steel	1.0 N/mm ²

Typical Applications

Appliance

- ▶ Glass and ceramic stove tops bonding and sealing to frame
- ▶ Bonding brackets to back of stove tops
- ▶ Bonding glass to microwave oven doors
- ▶ Washing machine sealing and bonding
- ▶ Cabinet and panel bonding and sealing

Photovoltaic

- ▶ Frame to glass sealing and bonding
- ▶ Bracket bonding
- ▶ Connection box sealing

HVAC

- ▶ Cabinet and panel bonding and sealing
- ▶ Replace gaskets and mechanical fixing
- ▶ Sealing conduit entries
- ▶ Bonding heat insulating materials

Lighting

- ▶ Bond glass to reflector or frame
- ▶ Bonding of integrated electrical ballast

