

ITALIANO

ENGLISH

“HOT MELT GLUE GUN (18W/180W)”



REV.0 092014

The reproduction of this document (even in partial form) is prohibited without the Fasangas Srl authorization

CATALOGUE

1.	 GENERAL WARNINGS	PAG. 10
2.	TECHNICAL SPECIFICATIONS	PAG. 10
3.	IMPORTANT SAFETY INSTRUCTION	PAG. 10
4.	OPERATION	PAG. 12
5.	PREVENTIVE MAINTENANCE	PAG. 12
6.	TIPS ON USING	PAG. 12
7.	DISPOSAL INFORMATIONS	PAG. 13
8.	EC DECLARATION OF CONFORMITY	PAG. 13
9.	WARRANTY	PAG. 13



1. GENERAL WARNINGS



Before to use the tool, please read carefully the instruction contained in this manual.

Improper or unsafe use of this tool can result in death or serious bodily injury. This manual of instructions constitutes an integral part of product and it has to be edited by the end user for every possible future consultation. It contains important informations about the safety use of the product.



Usage destination.

This tool and its accessories, must only be used for the purpose for which they have been conceived. A different use from that one suitable could cause damages to people, animals or things and it's considered improper and unreasonable action. The producer can't be considered responsible for possible damages caused by improper, wrong and unreasonable uses, as, for example, the un-observance of the safety instruction, the use of no original accessories and operation not authorized on the product..

2. TECHNICAL SPECIFICATIONS

Model:	FG 494/A180
Type:	HOT MELT GLUE GUN
SPECIFICATION:	
Rated Voltage:	100 – 240 Vac
Rated power input (maintaining heat):	18W
Rated power input (heating up):	180W
Frequency:	50/60 HZ
Protection class:	II / <input type="checkbox"/>
Working Temperature:	193 °C (383°F)
Heating time:	3÷5 min approx.
Glue stick diameter:	11.0 mm – 11.5 mm
Glue stick length:	100 mm; 250 mm; 300 mm

3. IMPORTANT SAFETY INSTRUCTIONS



ALWAYS WEAR PROTECTIVE GLOVES DURING USE (DPI - Dir.89/686/EEC)



Always wear safety glasses with side shields (DP I- Dir .89/686/EEC)



Always protect the respiratory system when using the tool by using protective equipment (mask) in accordance with current standards (DPI - Dir.89/686/EEC)

⚠ **Work area.** This tool is designed to be used on a clean, dry work surface. Excessive dust and dirt may reduce the lifetime of this tool. Do not use in wet or damp locations. Your work areas should keep well lit.

⚠ **This tool is recommended for indoor use only**  . Do not use outdoors.

- ⚠ **Keep children away.** Small children must be kept away from work area. Accidental contact with tool or extension cord should be avoided. Children should not use this glue gun, only under the direct supervision of a responsible adult.
- ⚠ **Glue gun storage.** After use, allow glue gun to cool completely prior to storage. When not in use, the glue gun should be stored in dry and secure location out of the reach of children.
- ⚠ **Electrical cord precautions.** Do not carry the tool by the cord or yank to disconnect from the receptacle. Keep the cord away from the nozzle or other high heat sources. Always guide the cable toward the rear away from the unit. Periodically inspect the electrical cord for any sign of wear or damage. If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.
- ⚠ **Disconnect electrical power.** When not in use, before servicing, and when changing. Do not yank on cord to unplug from electrical receptacle.
- ⚠ **Stay alert.** Pay attention to your work. Beware of any dripping hot glue from your project. Use common sense. Do not operate this gun when you are tired. Do not operate under the influence of alcohol or other drugs that may impair your physical abilities.
- ⚠ **Do not touch the heated nozzle** of the glue gun or the hot adhesive. The operating temperature of this tool is 383°F (195°C).
- ⚠ **Use recommended accessories.** Use only recommended adhesives in this glue gun. Putting other materials than recommended may result in accidental injury and permanent damage to the glue gun. For example: do not attempt to melt crayons or candles.
- ⚠ Never use the tool if it is damaged in any way.
- ⚠ Hot melt adhesives are not a replacement for structural fastener.
- ⚠ Hot melt glue should not be used for projects that will be exposed to extreme heat. Some adhesive used with this glue gun can soften at about 140°F (60°C).
- ⚠ Do not attempt to remove unused portion of a glue stick from the tool.
- ⚠ Do not expose the glue gun to extreme changes in temperature during or directly after use.
- ⚠ Never immerse glue gun in water or other liquids to speed cooling process. Allow the gun to air cool only.
- ⚠ Do not use glue gun in explosive environment or nearby explosive materials.
- ⚠ Do not leave the glue gun unattended while plugged in or in a hot condition.
- ⚠ It is normal for this tool to become quite warm during use. This is normal and does not indicate a problem.
- ⚠ The glue gun should be unplugged after use or if it will not be used within 2-hour period.
- ⚠ The adhesive can be stored indefinitely in the unheated gun and re-melted by heating up the tool.
- ⚠ If you accidentally touch the melted glue, immediately immerse the affected area in cold water and call a doctor. The injured area should be attended by a medical professional.
- ⚠ Some materials are heat-sensitive and can be damaged by the hot nozzle or even the hot glue. Whenever possible, test a piece of scrap material or a hidden portion of the object being repaired.

4. OPERATION

1. Plug the glue gun into any AC outlet with required specification; red light on means the power is on.
2. Allow the tool to heat for approximately 3-5 minutes. Insert a stick of adhesive into the back of the tool.



ATTENTION

You may use 100mm, 250mm or 300mm length glue sticks in this tool. Only for suitable glue stick tolerance: \varnothing 11.0mm - \varnothing 11.5mm

3. When the gun is fully heated, squeeze the trigger slowly, until the melted glue begins to flow from the nozzle. Release the trigger to stop the glue flow.
4. The output volume of the glue can be adjusted by adjusting the stroke adjustor screw.

5. PREVENTIVE MAINTENANCE

1. To prevent the clogging of the glue gun, keep feeding mechanism and melting chamber free from dirt and other foreign debris. Store unused glue sticks in a clean environment.
2. Do not pull glue stick from the back of the glue gun. The feed mechanism will be damaged. If you desire to change types of glue, cut off the exposed end and feed the remainder through with the new type of glue.
3. Do not lay heated gun on its side. Keep the heated gun in an upright position only with nozzle pointed down.
4. If melted glue has escaped from the melt chamber entrance and is interfering with the feed mechanism; allow gun to cool, and gently remove the obstructing glue.
5. Replace the nozzle if glue drips excessively. Do not attempt to change nozzle when glue is cold. To change, the gun must be heated until the glue is softened enough to remove nozzle (about 1 minute). Use gloves and with a wrench, remove the old nozzle. Flush glue through the gun, to clean out the melting chamber. Replace with a new nozzle. Tighten only until snug. Do not over tighten.
6. Nozzle is suggested to be replaced regularly, ensuring a good flow of glue.
7. Keep outside of glue gun clean.

6. TIPS ON USING

The following guide provides some helpful information concerning your GLUE GUN and hot melt adhesives.

- The normal working time of the hot-melt is thirty (30) seconds. After the adhesive has been extruded onto the surface being bonded, the part should be pressed together within fifteen to twenty (15-20) seconds. The bond will have about 90% of its bond strength in one minute.
- The working time of the hot-melt can be extended to fifty to sixty (50-60) seconds by applying the adhesive in large drops or shortened to less than ten (10) seconds by extruding the adhesive in a thin line.
- Large areas are difficult to bond because the adhesive frequently will harden before you have extruded the required amount.
- Preheating the surfaces being bonded to slightly above room temperature will improve the bond strength. Direct sunlight will accomplish this. This action is particularly important when gluing metal pieces.
- The hot-melt adheres well to porous surfaces like paper, cloth, particleboard, and pinewood.

- The hot-melt adhesives quick set time eliminates the need for clamps or other holding devices. The hot-melt begins to soften when the temperature exceeds 140°F (60°C) and should not be used on items that will be subjected to temperatures above that.
- Hot-melt adhesives can be used in place of nails, staples, tapes, or liquid glue: however, they should not be used to replace structural fastener where heavy loads are involved.
- Glue strings from nozzle. Your glue is stringing from the nozzle you may want to swirl the nozzle in a circular motion, the heat of the nozzle will cut the string. If the glue string lands on your project, allow the glue to dry, then take a hair dryer and blow off the glue string.

7. DISPOSAL INFORMATIONS



This tool respect the field of application of the Directive 2002/96/CE (RAEE). The symbol of barred basket present on the product and/or on the box, means that at the end of life the product must separately be treats from the domestic dusts and therefore he must be ship to the special centers of disposal and recycling. This operation has to be loaded by the consumer. The disposal of the product near the special devoted structures contributes to avoid the possible negative effects on the environment and increase the use of the renewable resources.

8. EC DECLARATION OF CONFORMITY

This product is conform to the dispositions of the followings European Directives and to the Harmonized Standards:

2006/95/EC (LVD)	EN 60335-2-45 : 2002+A1+A2 EN 60335-1 : 2002+A1+A11+A12+A2+A13+A14+A15 EN 62233 : 2008
2004/108/EC (EMC)	EN 60335-2-45 : 2002+A1+A2 EN 60335-1 : 2002+A1+A11+A12+A2+A13+A14+A15 EN 62233 : 2008
2011/65/EC (RoHS)	CEI 62321 : 2008

Affixing year of the CE marking:

14

9. WARRANTY

This tool is warranted to be free from defects in materials and workmanship (for a normal use of service) for a period of one year. Any tool found defective within one year from the delivery date and returned to the factory with transportatiion charges prepaid, will be repaired, adjusted, or replaced at no charge to the original purchaser. This warranty doesn't cover expandable items such as batteries or fuses.

If the defect has been caused by a misuse or abnormal operating conditions, the repair will be billed at a nominal cost.