

# TORCHES



## DESCRIPTION

This torch has been specifically designed for the application of polymer bitumen waterproofing membranes. Thanks to a powerful flame, this torch provides very good performance and high output. It has been designed paying great attention to safety and aspects of the environment taking in to consideration ergonomic factors and noise levels. It has a lever and main valve which allows to regulate the flow of gas. The torch is fitted with a high output bell, brass valves and plastic handle grip. It is flame welded with a copper silver alloy and every component is tested carefully. The range is available in a standard version and with optional accessories.

### Kit includes:

Fiamma 1 torch with piezoelectric ignition, swivel connection and stand

10 m 8x15 mm 20 bar rubber hose tested in accordance with European Standards EN559 with anti-kink hose spring

Pressure regulator with safety valve.

## USE

### How to turn on the torch

1. Connect the regulator to the gas cylinder. Make sure of the presence of the seal gasket and tighten anticlockwise the hexagonal nut of the regulator with a spanner. Pay attention: the seal gasket is not necessary for the regulators with POL connection.
2. Make sure that the main valve of the torch is closed.
3. Turn on the gas cylinder tap.
4. Adjust the outlet pressure of the regulator through the special regulating screw. If it is equipped with a safety valve, press the plastic button on the pressure regulator valve for a few seconds and check that the hose is full of gas and it is under pressure.
5. If the torch is equipped with main valve and fast lever, slightly open the main valve and light immediately the torch through piezoelectric ignition or a flint spark lighter.
6. If the torch is equipped with main valve, calibration valve and fast lever, open completely (this is very important) the main valve and light immediately the torch through piezoelectric ignition or a flint spark lighter. Pay attention: the pilot light has already been adjusted during the final test. If the flow of gas in the bell head is not sufficient to light up the burner, unscrew the cap of the calibration valve and slightly open the screw of the valve with a screwdriver.
7. Pulling the fast lever, the maximum outlet flame can be obtained. Releasing the lever, you go back to the initial position, the pilot light is on.

### How to turn off the torch

1. Turn off the gas cylinder tap.
2. Let all the gas inside the rubber hose out by pulling the lever.
3. Close the main valve of the torch.

## TECHNICAL SPECIFICATIONS

Dimensions			Caloric output			Max. Consumption
Bell mm Ø	Lance mm	Weight g	Kcal/h	Kw	Kj/h	Operating pressure bar
50	220	617	64729	75,27	270891	2 - 4
70	220	687	97094	112,90	406336	2 - 4

Piezoelectric self-igniting mechanism 57 g.

## PRESSURE REGULATOR WITH SAFETY VALVE

Description	Value
Rated pressure (outlet)	16 bar
Operating pressure (outlet)	max 4 bar
Flow capacity	12 Kg/h
Weight	520 g
Gas to be used	propane C3H8 – butane C4 H10

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