

Welding Iron

for welding PTFE coated fabrics

Welding iron

with a simple and cost saving construction



External temperature control unit

for a reliable temperature control



VOMATEX

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Technical Data

Working temperature: up to 400°C

Voltage: 230 V AC 50/60 Hz

Power: 3500 watt

Fuse: 16 A / FF

Fuse type: G-fuse inlet 6,3 x 32 mm 250 V AC -16 /FF

Heating element: Fe- CuNi Type J



Instructions

- Attach the exactly cutted PTFE coated glass fabric to the correct position at the fusing machine and clean the edges carefully. Do make sure there is no silicone residue.
- Put the welding film straight between the two edges which shall be connected. Eventually use magnets, weights or some drops of water to fix the welding film.
- Then place the welding iron heated to about 360° C on the middle of the seam and press shortly. Lift the iron and press it more left and right until the edges will not slip any more.
- Move the iron with sufficient pressure from the middle to the left and right until the welding film is completely melted and the seam is totally closed. Take care that the belt does not move or slip.
- Before using the machine again, let the seam get cool.

The welding film needs min. 206° Celsius but take care not to use higher temperatures than 400° Celsius because this would destroy the PTFE.

Hint: The welding can be done more quickly and securely with a hot lower buck or on a welding bar which you can also see on above picture.



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