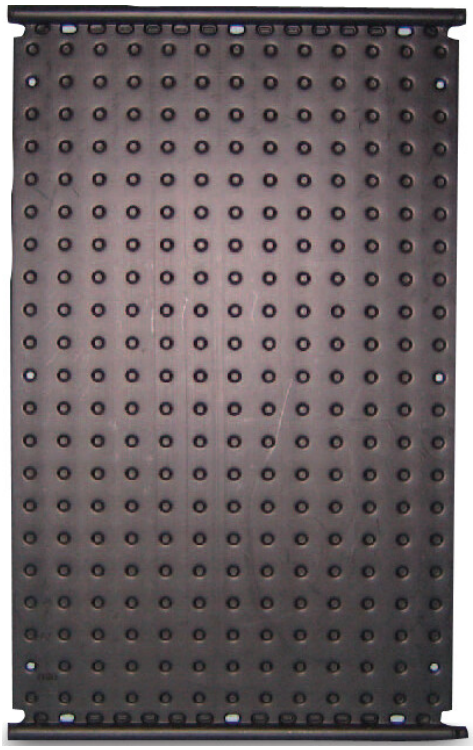
Solar Panel HDPE 40 mm 4,5bar black with 2 integrated collecting pipes 40 mm type 1002 (0891812)



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TECHNICAL SPECIFICATIONS

Colour	black
Type	1002
Material	HDPE
Width	820 mm
Model	with 2 integrated collecting pipes 40 mm
Size	40 mm
WebshopURL	https://www.bosta.com/en-gb/solar-panel-hdpe-40-mm-4-5bar-black-with-2-integrated-collecting-pipes-40-mm-type-1002-0891812
Length	1360 mm
Surface	1.12 m^2

PRODUCT INFORMATION

Solar absorbers of high molecular polyethylene for permanent installations. The problem is familiar. An outdoor swimming pool that is not heated is only really comfortably warm for three or four weeks at the height of summer - very little when you think of all the investment and maintenance you put into it. An indoor swimming pool has to be heated all year round, even in the middle of summer. Heating a swimming pool using conventional means of energy can be a costly business, and is also a load on the environment. But, the heating of swimming pools is an ideal application for solar energy. Very high temperatures are not needed, but large quantities of water have to be heated, so it makes sense to operate such an installation with a large flow rate at a relatively low temperature level. In that way your swimming pool solar heating produces

optimum efficiency.

- Low pressure drop - approx 0.003 bar at 200 l/m^2/h
- Flow rate to 250 l/m^2/h
- Molded in one piece - homogeneous black
- Weight approx. 6 kg/m^2 - water content 6 l/m^2
- Testing pressure 4.5 bar at NT
- Working pressure up to 1.2 bar - 40°C
- Efficiency up to approx. 80% - power up to 0.8 kWh/m^2
- Average value 0.5 to 0.6 kWh/m^2
- Operation possible with existing filter pump
- Non-corroding – resistant to swimming-pool water
- Pool pumped direct through absorber
- Idling-proof
- Temperature-resistant from -50 to + 115°C
- Full area through flow, frost resistant, supports human weight

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