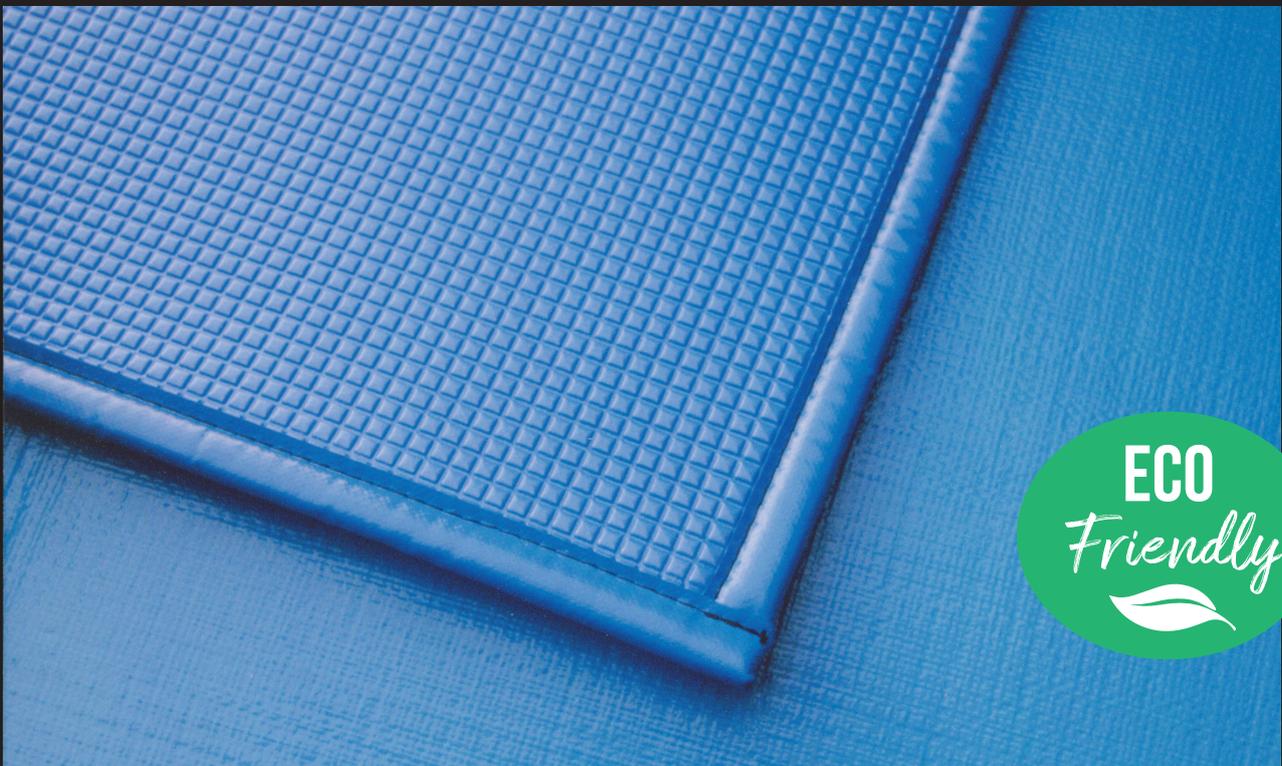




Premium 8mm Cover

Outstanding Heat Retention



- **Reduces costs - saves money**
Seals the pool water surface to minimise heat loss through evaporation, water loss and use of water treatment products.
- **Tough heat retention cover**
Manufactured from a highly efficient foam centre layer with a strong polyethylene coated woven top sheet with embossed and sealed underside.
- **Suitable for hydrotherapy pools**
Suited to use on hydrotherapy pools, where maximum temperatures can go up to 39°C.
- **Domestic and Commercial**
All Plastica heat retention covers welded lengthways and are shaped and hemmed to your specification on all exposed edges for greater strength.
- **UV stabilised**
The material is formulated to be compatible with use on heated outdoor pools where solar gain is not required.

Over 90% of a pool's heat is lost through its water surface

Plastica manufacture a range of heat retention covers specifically designed to minimise this loss.

Measuring 8mm in thickness, the Plastica Premium Cover boasts outstanding heat retention characteristics.

The top blue laminate is a tough, woven type fabric constructed of 100% polyolefin material, with a clear 100 micron embossed film underside that will ensure you have many years of service.

Premium Covers are supplied with a 4 year pro-rata guarantee, 1 year for hydrotherapy pools.



Proportional Heat Loss Chart

TYPE OF HEAT LOSS	AMOUNT IN % OF OVERALL	HEAT SAVED with 400 GRADE SOLAR COVER	HEAT SAVED with SUPERCOVER	HEAT SAVED with PREMIUM COVER
EVAPORATION From Pool Surface	68%	95%	95%	95%
RADIATION From Pool Surface	14%	78%	81%	85%
CONVECTION From Pool Surface	17%	60%	65%	73%
CONDUCTION Through Pool Shell	1%	0%	0%	0%
TOTAL	100%	86%	87%	89%

Main figures and heat loss percentages from the Sports Council Energy Data Sheet. The comparisons shown are made using 27°C water temperature working against 21°C ambient temperature, 60% R.H. and 5 mph wind speed. A transmittance value of 0.14 W/m².K has been allowed for on all covers for Surface Effect.

- 400 Grade Solar Cover with a U value of 4.22 w/sq.m.°C **saving 86% of potential heat loss.**
- 5mm thick heat retention Supercover with a U value of 3.68 w/sq.m.°C **saving 87% of heat loss.**
- 8mm thick Premium cover with a U value of 2.85 w/sq.m.°C **saving 89% of heat loss.**
- 5.00°C heat loss in 5 hours with no cover.
- 0.65°C heat loss in 5 hours with a Supercover.

GENERAL STATEMENTS (FROM GOVERNMENT FIGURES)

- Approximate savings of 23% can be estimated for heating on pool as above conditions
- Payback periods have been shown to be between 6 months and two years for complete system



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Manufacturer and Distributor

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