

Technical data

Coextruded pool cover with foam filled slats and a flexible connection in Polyurethane.

Release: 2006

Warranty: 5 years, including damage due to freezing temperatures and hail (see warranty conditions).

Conformity: French security standards **NF P 90-308**

Dimensions: *length:* 19.6mm per slat, width tailor-made.

Mechanical characteristics

Interior: Expanded PVC

Exterior: Compact PVC

Flexible connection: Polyurethane (TPU)

Tear propagation resistance of the "PUR" polyurethane hinge to "ISO 34/1" in N / mm	>= 55
Tensile strength of the hinge in N to "ISO 527" (measured on a 255mm-long profile sample, speed 50mm/min)	>= 150
Coefficient of linear expansion in 1/*K to "DIN 73752"	ca.0,8*10-4
Artificial weathering "xenotest 1200" cycle 102: 18 min, 4000h to "ISO 4892"	Grey scale > stage 3
Weight per m ² in kgw	Approx. 7.0

Thermic characteristics

Temperatures: min. -20°C and max. +70°C

When operating the cover, it should always be free from snow and ice.

If there is a large difference in temperature between the air and the pool water, it is possible that the slats will bent slightly on the outsides. This is only a minimal effect and of short duration and it will vanish completely once the difference disappears.

Chemical characteristics

Allowed PH-value of the water: between 6.8 and 7.4

Maximum value of chlorine: 2 mg/l

After a shock treatment, the cover must remain open for 24h while the filtration keeps functioning.

When salt electrolysis is used to treat the water; connect the cover to the electrolysis appliance so the chlorine production will be stopped or minimized when the cover is closed. This is very important in order to avoid over-chlorination. Damages caused by over-chlorination are not covered by warranty.

Maintenance

- In order to maintain the good quality of your cover, it is important to clean it on a regular basis. If you do this with a high pressure cleaner (max. 60°C, minimum distance of the jet-pipe is 500mm), we advise to also use a cleaning product for pool covers.
- Before using the cover, all the leaves, branches and other windfall should be removed from the cover.
- It is forbidden to use sharp or coarse materials or tools to clean the cover.
- We advise the use an anti-lime product in the water. This reduces the lime deposits significantly.

Use

Our recommendations for the use of the cover are available on request to info@covrex.com or you can download them from our website www.covrex.com

Laboratory test results

The visuals showing the resistance test and the comparison with the traditional hollow slats are available through the following Internet links :

- **Tear test:** <http://covrex.com/v/connection>
- **Shock resistance:** <http://covrex.com/v/hail>
- **Accelerated ageing:** <http://covrex.com/v/life>
- **Safety (with safety hooks):** <http://covrex.com/v/kids>