

# THERMO-PROTECT-ROLL



Since over 30 years:  
the economic security pool cover  
for a lot of pool shapes.



**PAM**  
**Pionier**AG



## SAFETY



## Efficient dirt protection and reliable energy saver

Open air pools are subject to soiling very easily. Foliage, insects, worms, etc. can spoil your bathing pleasure considerably. THERMO-PROTECT-ROLL provides an effective protection – easily and without any loss of comfort. In addition to this, the pool cover reduces the heating costs and need of chemical additives to a minimum and therefore helps to save the environment remarkably.

Rolled-up,  
THERMO-PROTECT-ROLL  
is almost invisible.



## Longevity through high grade quality



The pool cover THERMO-PROTECT-ROLL has been made for longevity. The corresponding maintenance of this high grade pool cover helps to maintain the value of your pool for years or even for decades.

THERMO-PROTECT-ROLL is also available with snow support (optionally). Limited statical charge; information on request.

Furthermore, the THERMO-PROTECT-ROLL obtained the attestation of conformity LNE after thorough examinations, which corresponds to the strict french security norm.



# THE RELIABLE SECURITY COVER

## Safety – matter-of-course for pool covers by Pionier PAMAG

Mounted properly, the THERMO-PROTECT-ROLL stands for utmost security and offers a maximum protection for children and small animals.



Safety notice: playing children often take no notice of their environment and are not able to be aware of the dangers. However, THERMO-PROTECT-ROLL offers you a reliable protection to let them play free and easy.

In case of translucent covers, the first breadth of fabric at the bearing side is also available in white fabric for a better protection. This assures the longevity of the cover additionally.

## Easy handling

THERMO-PROTECT-ROLL offers a very easy rolling up and unrolling. The version „Quick“ with longitudinal tension and quick acting closure makes opening and closing even easier. Furthermore, the delivery range includes a crank handle, which is easy to operate. For an even more comfortable solution, we recommend the motor crank „SERVO-ROLL“, available optionally. Or try our newly developed roll-up device „GENIUS-HELP“ for a maximum comfort.







Available optionally: swing-back hinge for ladder for a complete covering of the pool – pure energy saving!



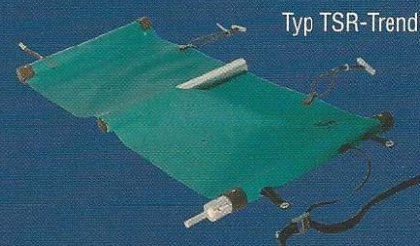
Bathing instead of cleaning: rolled up, THERMO-PROTECT-ROLL is almost invisible and makes bathing pure fun.

## THERMO-PROTECT-ROLL with side tension

THERMO-PROTECT-ROLL is made of coated fabrics and is suitable for all open air pools of up to a width of 6 m. The integrated aluminium sticks – spacing between the sticks is about 1,3 m – are carried by the pool border. The space between the fabrics and the water surface serves as insulating air chamber, which protects from loss of heat and water efficiently. The water outlet devices in the middle prevent the formation of puddles by rain water. THERMO-PROTECT-ROLL is available as

- TSR-Top; integrated aluminium sticks with invisible tips
- TSR-Trend; integrated aluminium sticks with visible tips.

For a maximum protection of the children, a bearing area on the pool border of 20 cm on each side, as well as a proper tension of the cover are essential.



Typ TSR-Trend



Typ TSR-Top



# WITH SIDE TENSION

## ENERGY



### Dependable energy savings

The pool covers by PIONIER PAMAG combine environmental protection and money savings. The THERMO-PROTECT-ROLL is also available as „Solar“ version, offering an additional heating of the water. Apart from that, the need for chemical additives is reduced to a minimum, which means: another considerable saving!



THERMO-PROTECT-ROLL Top with side tension resists to almost any weather.



## Accessories

### Crank handle

The easy handling crank handle makes part of the delivery range of the THERMO-PROTECT-ROLL and helps to roll-up/unroll the pool cover in an instant.



### Motor crank «SERVO-ROLL»

Easy handling 24V-accumulator hand drill with angular gear; suitable for all kinds of pool cover (also existing). The hand drill can be removed in an instant and used for domestic purpose.



### Roll-up help «GENIUS HELP»

Easy to handle roll-up help for THERMO-PROTECT-ROLL covers of all common sizes.





## TECHNOLOGY



The translucent version THERMO-PROTECT-ROLL „So-lar“ makes penetrate about 80% of the infrared radiation, which leads to an additional water heating – free of charge.



Neat and clean: THERMO-PROTECT-ROLL – nothing else in the pool but water.

## THERMO-PROTECT-ROLL „Quick“ with longitudinal tension

The version „Quick“ presents all the advantages of the classic THERMO-PROTECT-ROLL profile. However, there is a small, smart difference: the longitudinal tension, which offers an easy covering of the pool with a minimum handling through an integrated quick acting closure. The tension kit is included in the delivery range and offers a reliable fixing of the cover.

THERMO-PROTECT-ROLL „Quick“ is available as

- TSR-Top „Quick“; integrated aluminium sticks with invisible tips
- TSR-Trend „Quick“; integrated aluminium sticks with visible tips.

For a maximum protection of the children, a bearing area on the pool border of 25 cm on each side, as well as a proper tension of the cover are essential.



Typ TSR-Trend „Quick“



Typ TSR-Top „Quick“



# WITH LONGITUDINAL TENSION „QUICK“

## Technical specifications and versions:

**Material:** coated fabrics (breadths), aluminium (tubes)

**Suitable for pools** up to 10 m (width) and 6 m (length)

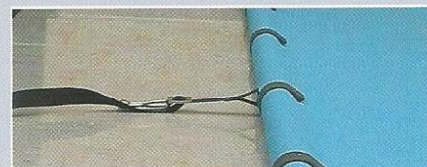
**Included:** all the fixing material and hand crank

**Optional extras (extra costs):** semi-automatic motor drive, snow support and special accessories

**Maintenance:** occasional cleaning, otherwise no maintenance required



Attestation of conformity LNE: THERMO-PROTECT-ROLL protects from bathing accidents.



Safe: Fixing at the bearing side.



Quick: Easy closure through quick acting closure.

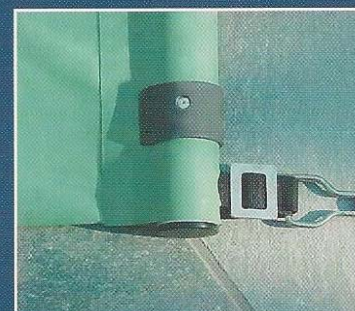


„GENIUS-HELP“: makes the rolling up easier.

## Quick and safe – that's „Quick“!

### A marvellous team: tension kit and quick acting closure

Tension kit and quick acting closure offer an opening and fixing of the longitudinal tension in no time.





## COLOURS



Green, blue, pacific blue, glacier white, with „Solar“-effect and UV stabilised translucent STAMOID film.

## INFOFLASH



**THERMO-PROTECT-ROLL**

### Brief info about the product:

- energy saving
- easy and low-cost
- protection for children and small animals
- minimum maintenance
- also suitable for polygonal pools

# PAM PionierAG

Absolutely compulsory in France – security tests: Pionier PAMAG obtains attestation of conformity for the THERMO-PROTECT-ROLL pool cover after thorough examination!

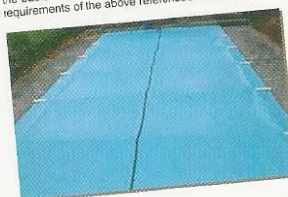


## ATTESTATION DE CONFORMITE

aux exigences de sécurité de la norme NF P 90-308 (mai 2004)  
Eléments de protection pour piscines enterrées non closes privatives à usage individuel ou collectif – Couvertures de sécurité et dispositifs d'accrochage  
Certificate of Conformity with the safety requirements of NF P 90-308 (May 2004) Standard  
Protective elements for in-ground, barrier-free, private or collective use swimming pools – Safety covers and securing devices

Type de couverture de sécurité : Couverture de type bâche à barres  
Type of safety cover:  
Modèle : THERMO-PROTECT-ROLL  
Modél  
Fabricant : Société PIONIER PAMAG  
Manufacture: Neuhofstrasse 12  
8503 FRAUENFELD  
SUISSE  
Demandeur de l'attestation : Société PIONIER PAMAG  
Applicant: Neuhofstrasse 12  
8503 FRAUENFELD  
SUISSE

Au vu du rapport d'examen sur dossier référencé E080894/CQPE/3, la couverture essayée est déclarée conforme aux exigences du document de référence.  
On the basis of the results contained in the report reference E080894/CQPE/3, the safety cover tested is declared in conformity with the requirements of the above referenced document.



Trappes, le 21 février 2005

Le Chef de la Division  
Articles à usage Domestique ou de Loisir  
The Head of Domestic and Leisure Products Division

Bruno FAUVEL

Cette attestation est délivrée dans les conditions suivantes :

1. Elle ne s'applique qu'à l'article essayé et pour les essais réalisés ou pour les informations qui sont consignées dans le rapport référencé ci-dessus. "Le LNE, déclare toute responsabilité en cas de non-conformité d'un des éléments de l'article essayé pour lequel le demandeur a fourni au LNE un certificat de conformité de la conformité aux normes en vigueur, le demandeur étant seul responsable de la validité des documents qu'il produit au LNE."
2. Elle n'implique pas qu'une procédure de surveillance ou de contrôle de fabrication ait été mise en place par le LNE.
3. La conformité à la norme référencée ci-dessus n'exonère pas de la conformité à la réglementation en vigueur.
4. Des copies peuvent être délivrées sur simple demande auprès du demandeur.

This certificate is issued under the following conditions:

1. It applies only to the tested item and to the tests or information specified in the report referenced above. "The LNE declares any responsibility in the event of non conformity for one of the elements of the article tested for which the applicant provided to the LNE a certificate or a guarantee of the only compliance with the standards in force, the applicant being the only person responsible of the validity of the documents that he produces to the LNE."
2. It does not imply that LNE has performed any surveillance or control of its manufacture.
3. The conformity to the above referenced standard does not exempt from the conformity to the regulation in force.
4. Copies are available upon request by the applicant.

Laboratoire national de métrologie et d'essais

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