

# SOLAR

## SLEEVE

The Solar Sleeve is a high quality reinforced medical grade, platinum cured silicone suspension sleeve. What makes the Solar Sleeve unique, is the Parylene® coating which enhances knee flexion movement, but also has an exposed lower inner surface without the coating to enhance the grip of the socket to promote a strong, non-slip seal. Solar sleeves are 35cm /14". Measure circumference 15cm (6in) above mid-patella for the correct size (Fig.1).

|         |                            |                                  |
|---------|----------------------------|----------------------------------|
| 3700-XS | Solar Sleeve – Extra Small | 35cm -41cm / 13 3/4in – 16 1/8in |
| 3700-S  | Solar Sleeve – Small       | 41cm -49cm / 16in – 19 1/4in     |
| 3700-M  | Solar Sleeve – Medium      | 49cm -55cm / 19 1/4in – 21 3/4in |
| 3700-L  | Solar Sleeve – Large       | 55cm -62cm / 21 3/4in – 24 1/2in |

### Installing Solar Sleeve to prosthesis

To aid in donning the Solar sleeve onto the prosthesis: Invert the distal half of the Solar sleeve inside out so that the upper half is inside and the inside of the distal end is exposed on the outside.

Stretch the sleeve where it is folded, over the brim of the socket and roll distal end completely down (Fig. 2).

### Donning Prosthesis

To aid in donning the prosthesis and the Solar sleeve: Roll down upper part of the sleeve until socket brim is completely exposed. Donn the prosthesis and make sure the residual limb is positioned correctly in the socket. Roll or slide the sleeve up with both hands. Do not pull on the edges as this may place strain on the skin (Fig. 3).

**⚠ NOTE:** Do not pinch, or use fingertips to pull on sleeve as this will cause undue stress and tear the sleeve. This will void warranty.

### Keeping the Solar Sleeve Clean

Wash the Solar sleeve daily, especially on the inside. To do so, remove the Solar sleeve, invert the Solar sleeve inside out and wash it with pH balanced, 100% fragrance-free and dye-free soap. Be sure to rinse with plenty of water, and wipe dry with a towel.

The Solar sleeve can also be rolled down onto the socket and washed (Fig. 4).

### ⚠ Caution

The exposed silicon Sealant loops on the inside of the Solar sleeve should be located on different places on the thigh every other day to prevent skin irritation at the location of the exposed silicon sealant loops.

**⚠ NOTE:** It may be necessary to utilize a friction reduction lotion on the upper part of sleeve such as Monistat Care Chafing Relief Powder Gel.

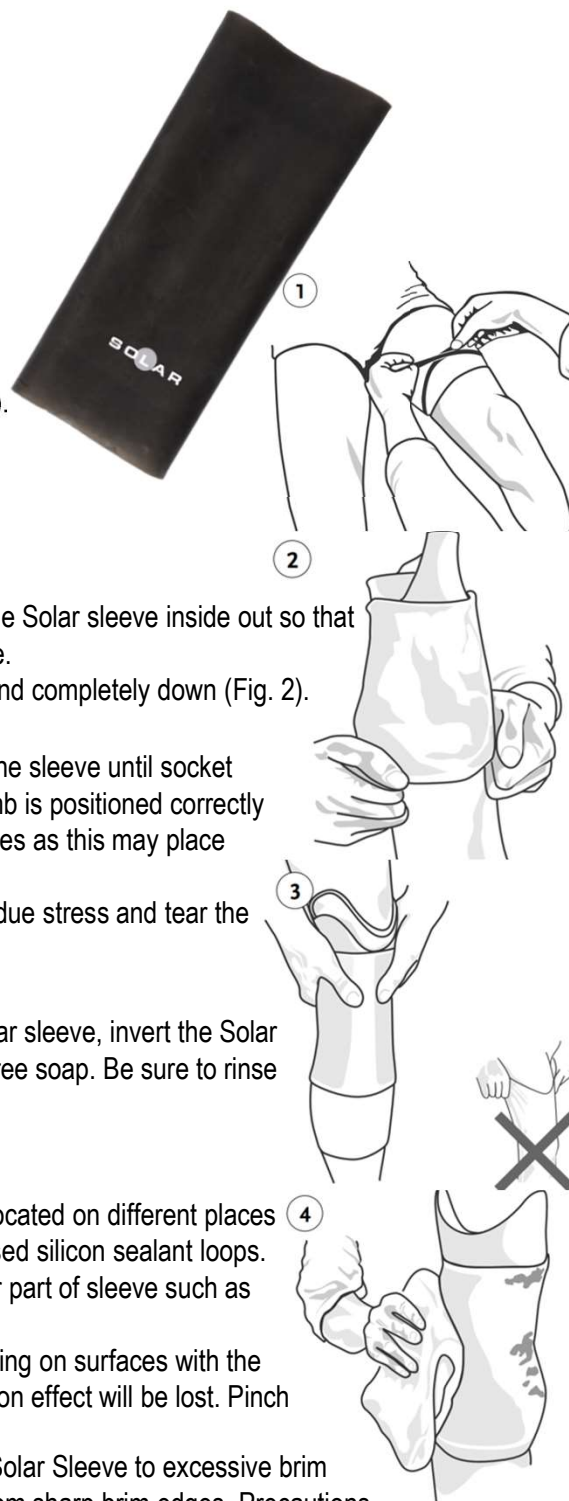
Advise the wearer that caution should be taken while deep knee bends or kneeling on surfaces with the prosthesis, as this could cause punctures in the silicon at the brim and the suction effect will be lost. Pinch punctures are not a covered warranty issue.

Care and diligence should be taken to be aware and reduce oversteering the Solar Sleeve to excessive brim pressures which can cause premature wearing and lead to cuts in the sleeve from sharp brim edges. Precautions should be taken to reduce this issue of sharp or exposed brim edges making contact with the Solar Sleeve to reduce the chance of premature wear. This type of wear is not a covered warranty issue.

**⚠ NOTE:** Repair of minor punctures can be performed using Aqueon 100% Silicone Aquarium Sealant. A video is available for STNG Corporation on YouTube showing repair process.

If a Gaitor is favorable, the Solar can be paired with the Lunar Gaitor, or the Eclipse suspension sleeve system can be a good option.

**WARRANTY:** Solar Sleeve comes with a 90-day warranty against defects in material and workmanship.



**Environment:**

Store at room temperature, and avoid extremely hot, cold, or moist storage environments Storage Temperature Range: between temperatures of -10°C to 50°C [14°F and 122°F]

Do not store in wet or very hot environment.

**Allowable environmental conditions**

Use – relative humidity: 0 % to 90 %, non-condensing

Storage/transportation – relative humidity: 20 % to 90 %, non-condensing

Splash - Fresh water, rain, salt water, urine, dust, sand, particles of foam cosmetics

cleaning required after contact with salt-laden air, salt water, chlorinated water, urine, sand

**Unallowable environmental conditions**

Storage/transportation: high vibrations, impacts

Cleaning agents containing solvents

**CE Conformity**

This product meets the requirements Council EU 2017/745 (EU) for medical products. This product has been classified as a class I product according to the classification criteria outlined in appendix IX of the guidelines. Please keep this manual in safe place for future use.

**Useful Life**

Service life of the product is covered by the warranty period.

**Counter Indications**

There are no counter indications.

**Disposal**

The device and its packaging must be disposed of in accordance with respective national/local environmental regulations.

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