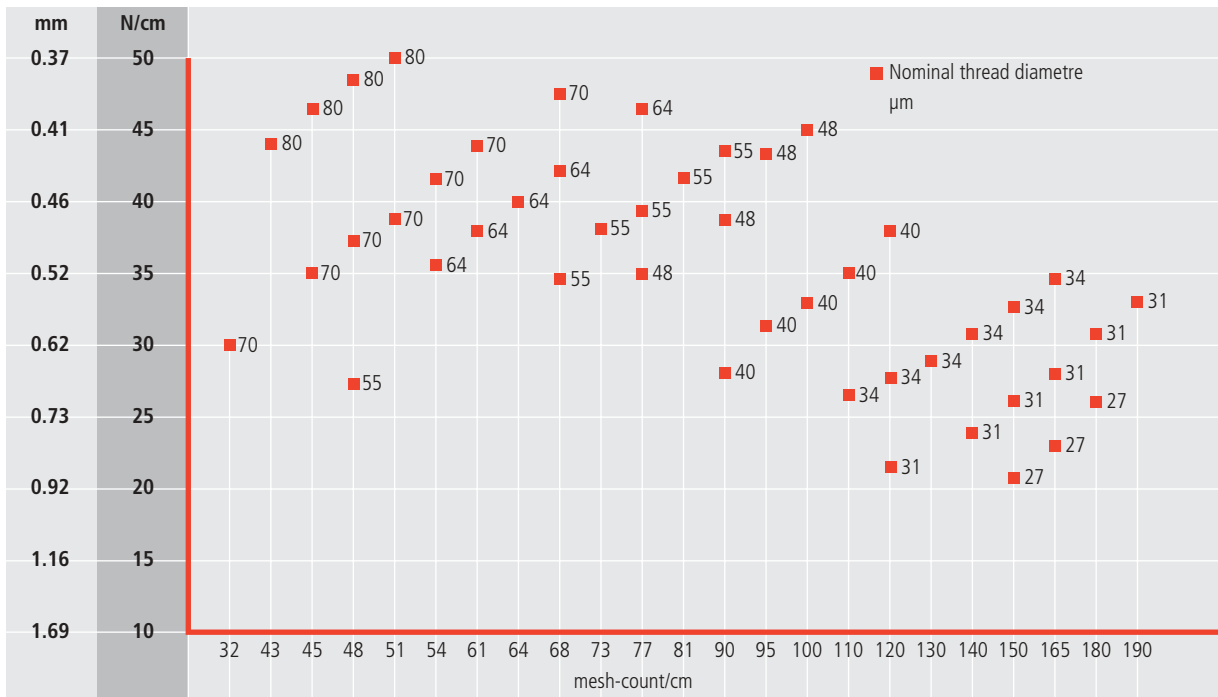


# Possible Tension values for SEFAR® PET high-modulus mesh



The tensions listed in the table correspond to measurements made using a SEFAR® Tensocheck 100. The stated values may be read off in *N/cm* (Western standard) or in *mm* (Far Eastern standard). They should be understood as values that are attainable using well-maintained, commercially available stretching equipment.

## Pre-requisites

- A pneumatic mesh tensioning system that transfers the pressure to the shanks of the frame
- Tensioning clamps SEFAR® 2, SEFAR® 3A or SEFAR® 5, or otherwise a system that guarantees even and balanced tension
- A mesh clamping system that does not allow the mesh to slip, even under high tensions
- Stable frames

## Frame dimensions considered

The tension figures indicated are valid for frames of a shank length up to approx. 1 metre. Frames of larger format will show lower tension figures:

- minus 15–20% if the shanks are up to about 2 metres long
- minus 20–25% if the shanks are up to about 3 metres long

## Los of tension

We refer to tensions measured after stretching, but before gluing to the frame.

If the tensioning process lasts one minute until the maximum desirable tension is reached, and if a waiting time of about 5–10 minutes is granted before gluing the mesh to the frame, the loss of tension after 24 hours will be minus 10–15% with high-modulus mesh.

The loss of tension depends also on the type of tensioning unit used, the frame profile, the quality of the adhesive, on climatic influences, and on the mesh count.

## Be Safe. Be Sefar.

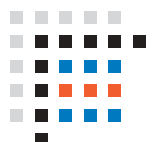
[www.sefar.com](http://www.sefar.com)

Headquarters:  
Sefar AG  
Printing Division  
P.O.Box  
CH-9425 Thal  
Switzerland  
Phone +41 71 886 32 32  
Fax +41 71 886 35 91  
E-mail [printing@sefar.com](mailto:printing@sefar.com)

Sefar Printing Solutions Inc.  
120 Mount Holly By-Pass  
PO Box 679  
Lumberton, New Jersey 08048  
USA  
Phone (609) 613-5000  
Fax (609) 267-1750  
USonly (800) 424-1401  
E-mail [spsales@sefar.us](mailto:spsales@sefar.us)

Sefar Asia Pacific Co., Ltd.  
SCB Park Plaza West, Tower II, 3F  
18 Ratchadaphisek Road,  
Chatuchak  
Bangkok 10900, Thailand  
Phone +66 2 937 5624-8  
Fax +66 2 937 5647  
E-mail [sales@sefarap.co.th](mailto:sales@sefarap.co.th)

Tension values



SEFAR