# TENAX **OS**

## Type: **102**

### Extruded Net

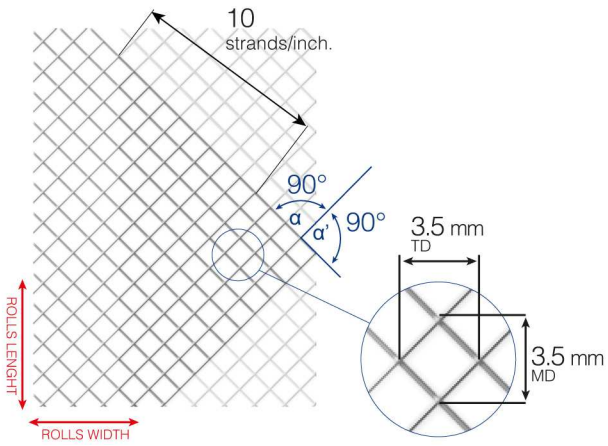
**TENAX OS 102** is an extruded biplanar polypropylene copolymer net with rhomboidal mesh.

**Applications:**
Filter media support. Draining spacer for liquid filtration.

| PHYSICAL CHARACTERISTCS | TEST METHOD | UNIT | OS 102 | NOTES |
|---|---|---|---|---|
| POLYMER TYPE | | | PP COPOLYMER | |
| U.V. STABILIZER | | | YES | |
| FOOD CONTACT APPROVED | | | YES | |
| OPERATING RANGE TEMPERATURE | | | 0°÷ 120° | |
| STRUCTURE | | | RHOMBOIDAL | |
| COLOUR | | | CLEAR | |

| DIMENSIONAL CHARACTERISTICS | TEST METHOD | SI UNIT | | IMPERIAL UNIT | | NOTES |
|---|---|---|---|---|---|---|
| 1°ORDER RIBS | PRQ - 15 | - | - | Strands/inch | 10 | |
| 2°ORDER RIBS | PRQ - 15 | - | - | Strands/inch | 10 | |
| α ANGLE | PRQ - 14 | ° | 90 ± 5 | ° | 90 ± 5 | |
| α' ANGLE | PRQ - 14 | ° | 90 ± 5 | ° | 90 ± 5 | |
| AMD | | mm | 3.5 | in | 0.14 | a |
| ATD | | mm | 3.5 | in | 0.14 | b |
| PMD | | mm | 5.2 ± 0.5 | in | 0.20 ± 0.02 | c |
| PTD | | mm | 5.2 ± 0.5 | in | 0.20 ± 0.02 | d |
| THICKNESS | PRQ - 16 | mm | 2.0 ± 0.2 | mils | 78.4 ± 8 | |
| ROLLS WIDTH | | m | 1.0 | in | 39.4 | |
| ROLLS LENGTH | | m | 50.0 | ft | 164.0 | |
| ROLLS DIAMETER | | m | 0.37 | in | 14.6 | |
| INNER TUBULAR DIAMETER | | mm | 76.5 | in | 3.0 | |

**NOTES:**
a) Longitudinal mesh aperture
b) Transversal mesh aperture
c) Longitudinal pitch
d) Transversal pitch
The data contained in this publication are based on the knowledge available at the time of printing and may be subjected to amendments due to changes of the methods of testing and/or manufacturing. All dimensions and properties are reported as typical values, otherwise specified. TENAX nets are thermoplastic products subjected to shrinkage and deformations.

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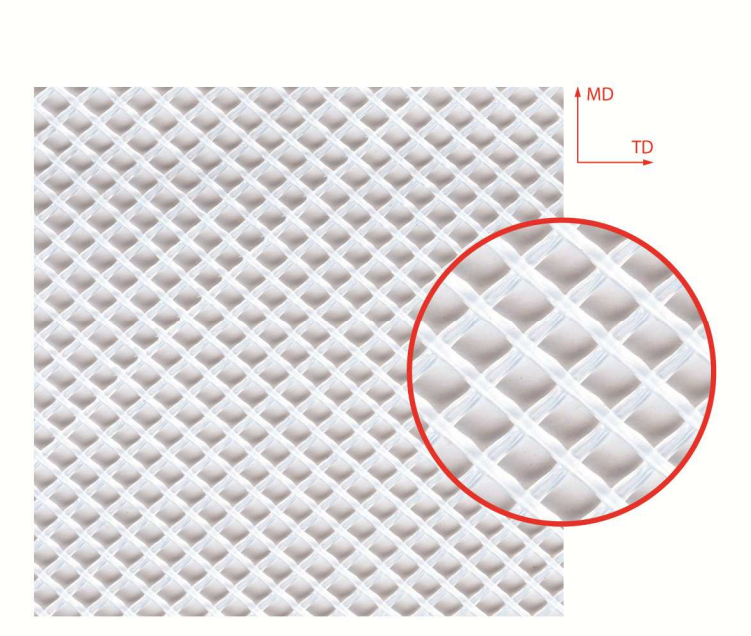


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SGS ITALY Certificate n°IT93/0008a
SGS U.K.Certificate n° IT93/2568.01

TENAX Spa Quality System has been assessed and registered in agreement with ISO:9001:2008 by SGS Italy and SGS UK.

The TENAX Laboratory has been operational since 1980 and has been continuously improved with the purpose of assuring unequalled technical development of the products and accurate Quality Control.
The TENAX Laboratory can perform mechanical, hydraulic and durability tests, according to the most important international standards like ISO, CEN, ASTM, DIN, BSI, UNI.