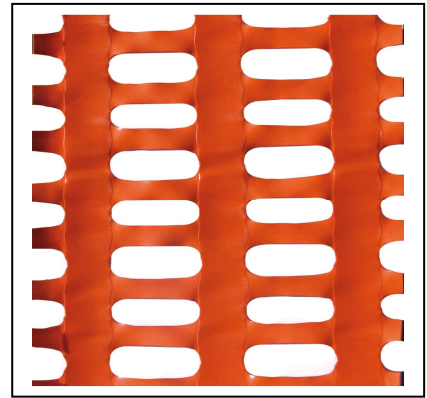


# TENAX GIGAN

Extruded, high density polyethylene (HDPE) net, subjected during production to a stretching process in longitudinal direction (MD) that grants high tensile resistance and elongation.



Picture out of scale

| PHYSICAL CHARACTERISTICS | TEST METHOD | UNIT | GIGAN   | NOTES |
|--------------------------|-------------|------|---------|-------|
| POLYMER TYPE             |             |      | HDPE    | -     |
| MESH SHAPE               |             |      | OVOIDAL | -     |
| COLOUR                   |             |      | ORANGE  | -     |

| DIMENSIONAL CHARACTERISTICS | TEST METHOD | UNIT             | GIGAN  | NOTES |
|-----------------------------|-------------|------------------|--------|-------|
| MD PITCH                    |             | mm               | 120.0  | a     |
| TD PITCH                    |             | mm               | 45.0   | a     |
| UNIT WEIGHT                 |             | g/m <sup>2</sup> | 450.0  | c     |
| ROLL WIDTH                  |             | m                | 1.8    | -     |
| ROLL LENGTH                 |             | m                | 30.0   | -     |
| ROLL DIAMETER               |             | m                | 0.24   | -     |
| ROLL VOLUME                 |             | m <sup>3</sup>   | 0.08   | -     |
| ROLL WEIGHT                 |             | kg               | 24.5   | c     |
| INNER PACKAGING             |             |                  | PE BAG |       |
| OUTER PACKAGING             |             |                  | -      |       |

| TECHNICAL CHARACTERISTICS | TEST METHOD | UNIT | GIGAN | NOTES |
|---------------------------|-------------|------|-------|-------|
| TENSILE STRENGTH MD       | METHOD TX3  | kN/m | 16.0  | a, b  |
| ELONGATION MD             | METHOD TX3  | %    | 15.0  | a, b  |

## NOTES:

- a) MD: machine direction  
TD: transversal direction
- b) TX3: 300 mm/min
- c) Tolerance ± 5%

*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 are properties are reported as typical values. Tenax nets are thermoplastic products subjected to shrinkage. MD: longitudinal direction. TD: transversal direction. Tenax Spa Quality System has been assessed and registered in agreement with ISO 9001:2008 Standard.*

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