



Ten Cate Nicolon

TECHNICAL DATA SHEET

Miragrid[®] 8XT

Miragrid[®] 8XT is composed of high molecular weight, high tenacity polyester multifilament yarns which are woven in tension and finished with a PVC coating. Miragrid[®] 8XT is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

| Mechanical Properties | Test Method | Unit | Minimum Average Roll Value |
|----------------------------------|-------------|---------------|----------------------------|
| | | | Machine Direction |
| Tensile Strength (at ultimate) | ASTM D 6637 | kN/m (lbs/ft) | 102.1 (7000) |
| Tensile Strength (at 5% strain) | ASTM D 6637 | kN/m (lbs/ft) | 36.8 (2520) |
| Creep Reduced Strength | ASTM D 5262 | kN/m (lbs/ft) | 61.3 (4200) |
| Long Term Allowable Design Load* | GRI GG-4 | kN/m (lbs/ft) | 53.1 (3636) |

*NOTE: Long Term Allowable Design values are for sand, silt and clay.

| Physical Properties | Test Method | Unit | Typical Value |
|--|-------------|--|---------------------|
| Grid Aperture Size (machine direction) | -- | mm (in) | 22 (0.875) |
| Grid Aperture Size (cross machine direction) | -- | mm (in) | 25 (1.0) |
| Mass/Unit Area | ASTM D 5261 | g/m ² (oz/yd ²) | 387 (11.4) |
| Roll Dimensions (length x width) | -- | m (ft) | 3.6 (12) x 61 (200) |
| Roll Area | -- | m ² (yd ²) | 220 (266.6) |
| Estimated Roll Weight | --- | kg (lbs) | 95 (210) |

DISCLAIMER: Ten Cate Nicolon warrants our products to be free from defects in material and workmanship when delivered to Ten Cate Nicolon's customers and that our products meet our published specifications. Contact your local Ten Cate Nicolon Representative for detailed product specification and warranty information.