

Firestone PondGard Rubber

Firestone Rubber PondGard Pond Liner is an exceptional high performance 1.02m EPDM rubber geomembrane engineered for both domestic and heavy duty commercial applications by the premier name in rubber technology and innovation.

Firestone's commitment to quality products and services starts at its manufacturing facilities based in Prescott, and Kingstree, USA. They were the first plants in the rubber membrane industry to receive ISO9002 and ISO14001 certification which are a testimony of the company's commitment to quality and environmental management.

| Test | Unit | Requirement | ASTM Method |
|---------------------|------------------------|-------------|-------------|
| Hardness | °IHR | 65+-5 | |
| Tensile Strength | MPa/kg/cm ² | Min 8.0/80 | D412 Die C |
| Elongation at Break | % | Min. 300 | D412 |
| Density | g/cm ³ | 1.2+-0.05 | |
| Brittle Point | °C | -49 | D2137 |
| Tear Strength | N/mm | 27 Min. | D624 Die C |

Properties after Heat Ageing

| 168 Hours at 121°C | | | |
|--------------------|-----------------------|-------------|------------|
| Tensile Strength | MPa/K/cm ³ | Min. 7.2/72 | D412 Die C |
| Elongation | % | Min. 200 | D412 |

Ozone Ageing

| | |
|--|-----------|
| 50 ppm, 96 hours, 30°C at 80% Elongation | No Cracks |
|--|-----------|

Length Change

The samples are conditioned for 24 hours at +20°C then heated for 1 hour at +100°C and then cooled during 2 hours to +20°C and re-measured.

| | | |
|--------|---|----------|
| Along | % | Max. 0.5 |
| Across | % | Max 0.5 |

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