

# Potable Water EPDM Rubber Sheet

Reglin Potable Water EPDM is a premium grade 65 Duro potable water certified rubber sheet.

## FEATURES

Reglin Potable Water EPDM Rubber Sheet is made from a premium EPDM rubber compound designed specifically for use in contact with drinking water.

Potable Water EPDM is independently tested and certified by the Australian Water Quality Centre, it meets AS/NZS 4020:2018 – Testing of products for use in contact with drinking water and conforms to the requirements of WSA 109 2021 Table 2.1.

Potable Water EPDM retains all other properties of EPDM 65 Rubber Sheet and will display high temperature and excellent chemical resistance to both acids and alkalis.

EPDM has excellent ozone/UV resistance making it weather resistant and suitable for prolonged outdoor use. It has good physical properties including mechanical strength.

EPDM exhibits outstanding water resistance. It is suitable for prolonged exposure to aquatic environments and will not deteriorate when submerged in fresh or sea water. It is compatible with hot water and steam.



## TECHNICAL INFORMATION

|                    |                  |            |
|--------------------|------------------|------------|
| Polymer            | EPDM             |            |
| Polymer Content    | 100%             |            |
| Colour             | Black            |            |
| Specific Gravity   | 1.14             | ASTM D297  |
| Hardness           | 65° ± 5° Shore A | ASTM D2240 |
| Tensile Strength   | 11 MPa (min)     | ASTM D412  |
| Elongation @ Break | 350% (min)       | ASTM D412  |
| Temperature Range  | -30°C to +120°C  |            |

## TECHNICAL INFORMATION (CONT.)

|   |             |           |
|---|-------------|-----------|
| Compression Set 72 hrs @ 23°C                       | 12.5% (max) | ASTM D395 |
| Compression Set 24 hrs @ 70°C                       | 18.0% (max) | ASTM D395 |
| Heat Age Properties 7 days @ 70°C                   |             | ASTM D573 |
| Hardness Change                                     | +3° Shore A |           |
| Tensile Change                                      | +8.5% (ave) |           |
| Elongation Change                                   | -14         |           |
| Volume Change 7 days @ 70°C<br>(In distilled water) | +3.0%       | ASTM D471 |

## AVAILABLE SIZES

Reglin stock Potable Water EPDM Rubber Sheet in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

| PART NO.     | SIZE                          | WEIGHT (PER L/M) |
|--------------|-------------------------------|------------------|
| EPDMPW01.5   | 1.5mm x 1200mm (10 L/M Rolls) | 2.3 kgs          |
| EPDMPW03     | 3mm x 1200mm (10 L/M Rolls)   | 4.5 kgs          |
| EPDMPW031500 | 3mm x 1500mm (10 L/M Rolls)   | 5.6 kgs          |
| EPDMPW04.5   | 4.5mm x 1200mm (10 L/M Rolls) | 6.8 kgs          |
| EPDMPW06     | 6mm x 1200mm (10 L/M Rolls)   | 9 kgs            |

## STANDARDS

Potable Water EPDM conforms to AS/NZS 4020:2018 – Testing of products for use in contact with drinking water and to the requirements of WSA 109 2021 Table 2.1.

