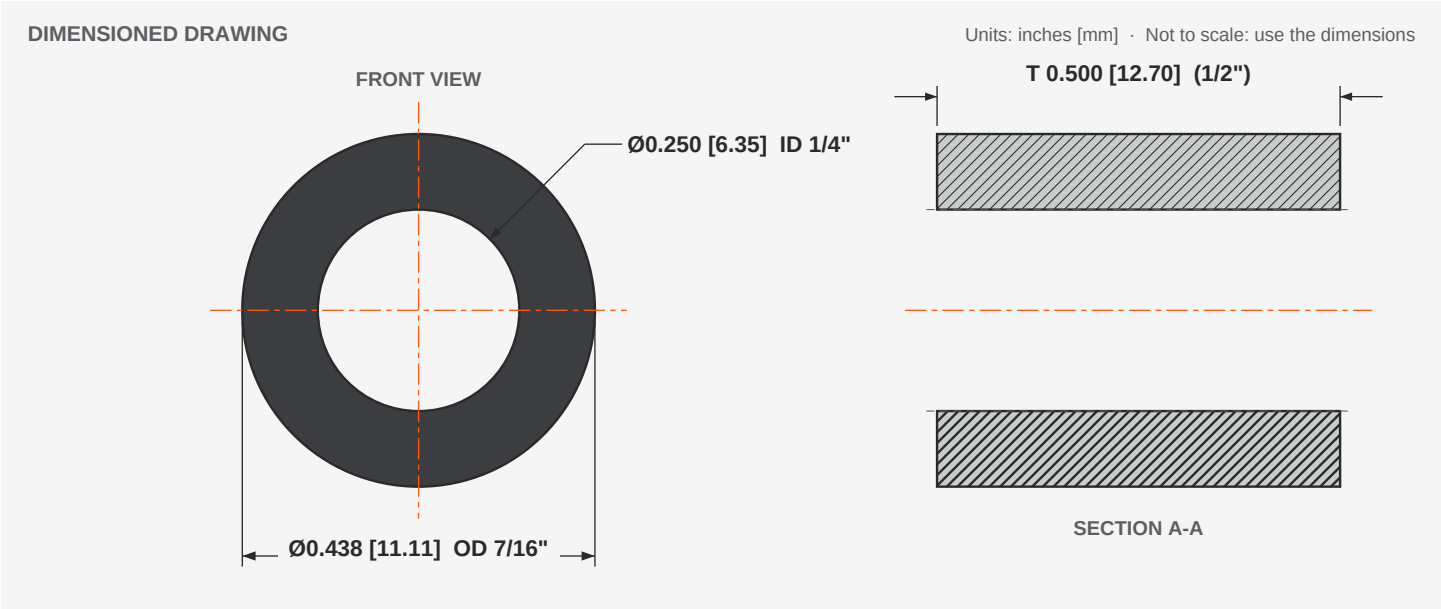


EPDM Rubber Washer 7/16" OD x 1/4" ID x 1/2" Thick

Flat die-cut washer · Ethylene propylene diene monomer (EPDM) · 60-70 Shore A · -40°F to 257°F



DIMENSIONS

| Feature               | Nominal | Decimal | Metric   | Tolerance (typical)                   |
|-----------------------|---------|---------|----------|---------------------------------------|
| Outside diameter (OD) | 7/16"   | 0.438"  | 11.11 mm | ±0.015" (±0.38 mm)                    |
| Inside diameter (ID)  | 1/4"    | 0.250"  | 6.35 mm  | ±0.015" (±0.38 mm)                    |
| Thickness (T)         | 1/2"    | 0.500"  | 12.70 mm | ±0.015" or ±10%, whichever is greater |

MATERIAL: EPDM

|               |                                         |
|---------------|-----------------------------------------|
| Polymer       | Ethylene propylene diene monomer (EPDM) |
| Hardness      | 60-70 Shore A (typical)                 |
| Service temp. | -40°F to 257°F (-40°C to 125°C)         |
| Colour        | Black                                   |
| Reference     | ASTM D2000 type AA/BA/CA                |

Best weathering of the common washer rubbers; the usual choice for water, outdoor and roofing hardware.

CHEMICAL RESISTANCE (typical)

| Media                  | Rating      |
|------------------------|-------------|
| Water                  | ■ Excellent |
| Steam / hot water      | ■ Good      |
| Petroleum oil & grease | ■ Poor      |
| Gasoline / diesel      | ■ Poor      |
| Ozone, UV & weather    | ■ Excellent |
| Dilute acids           | ■ Excellent |
| Dilute alkalis         | ■ Excellent |
| Ketones (MEK, acetone) | ■ Good      |

AVOID

Petroleum oils, fuels and hydrocarbon solvents (EPDM swells).

TYPICAL USES

- Potable and hot water fittings
- Roofing and outdoor fasteners
- Garden hose and irrigation
- Glycol coolant and brake-fluid service

Order, bulk price tiers & CAD

Product page

CAD (2D DXF)

CAD (3D STEP)

Material guide

Buy this washer (price tiers apply at 50+ pcs)

[dixonappstudio.com/specs/rww/RWSHREPD7161412.dxf](https://dixonappstudio.com/specs/rww/RWSHREPD7161412.dxf)

[dixonappstudio.com/specs/rww/RWSHREPD7161412.step](https://dixonappstudio.com/specs/rww/RWSHREPD7161412.step)

[rubberwasherwarehouse.com/pages/epdm-rubber-washers-guide](https://rubberwasherwarehouse.com/pages/epdm-rubber-washers-guide)

Scan to order

TYPICAL VALUES, VERIFY FOR YOUR APPLICATION. Properties are typical for commercial-grade material and are not a specification or warranty; actual values vary by compound, grade, temperature, pressure and exposure time. Test parts in your application before production use. Food-contact, potable-water, flame or electrical ratings apply only when a certified grade is confirmed on your order.  
Typical ranges compiled from ASTM D2000 material classes, the Parker O-Ring Handbook (ORD 5700) compatibility tables and Rubber Washer Warehouse material pages.