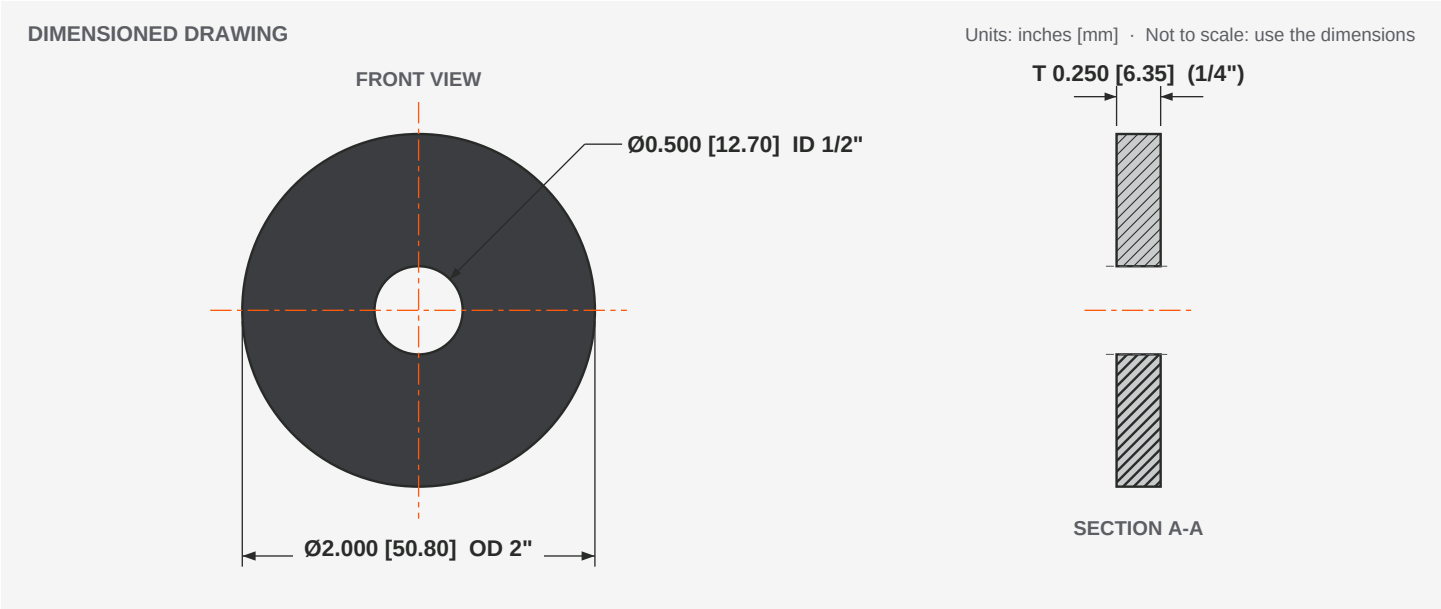


Natural Rubber Rubber Washer 2" OD x 1/2" ID x 1/4" Thick

Flat die-cut washer · Natural rubber / polyisoprene (NR) · 40-60 Shore A · -40°F to 180°F



DIMENSIONS

| Feature               | Nominal | Decimal | Metric   | Tolerance (typical)                   |
|-----------------------|---------|---------|----------|---------------------------------------|
| Outside diameter (OD) | 2"      | 2.000"  | 50.80 mm | ±0.015" (±0.38 mm)                    |
| Inside diameter (ID)  | 1/2"    | 0.500"  | 12.70 mm | ±0.015" (±0.38 mm)                    |
| Thickness (T)         | 1/4"    | 0.250"  | 6.35 mm  | ±0.015" or ±10%, whichever is greater |

MATERIAL: NATURAL RUBBER

|               |                                    |
|---------------|------------------------------------|
| Polymer       | Natural rubber / polyisoprene (NR) |
| Hardness      | 40-60 Shore A (typical)            |
| Service temp. | -40°F to 180°F (-40°C to 82°C)     |
| Colour        | Black or tan, depending on grade   |
| Reference     | ASTM D2000 type AA                 |

Highest resilience and abrasion resistance; ideal for vibration and impact.  
Keep away from oil and sunlight.

CHEMICAL RESISTANCE (typical)

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

AVOID

Oils, fuels, ozone and direct sunlight.

TYPICAL USES

- Vibration and impact damping
- Cushioning glass, tile and fiberglass
- Indoor low-cost sealing
- Abrasive service

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Product page      [Buy this washer \(price tiers apply at 50+ pcs\)](#)

CAD (2D DXF)      [dixonappstudio.com/specs/rww/RWSHRNR21214.dxf](#)

CAD (3D STEP)      [dixonappstudio.com/specs/rww/RWSHRNR21214.step](#)

Material guide      [rubberwasherwarehouse.com/pages/natural-rubber-washers-guide](#)

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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.