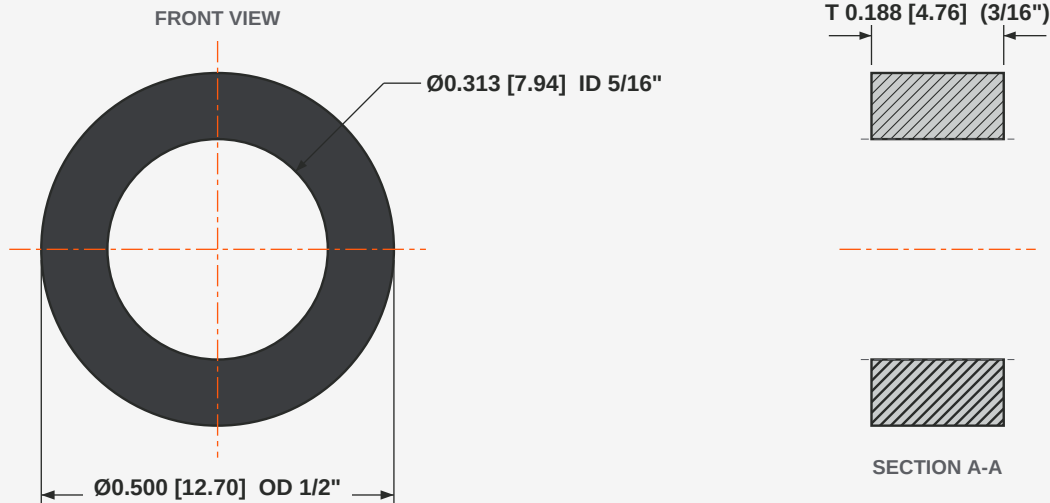


# Natural Rubber Rubber Washer 1/2" OD x 5/16" ID x 3/16" Thick

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

## DIMENSIONED DRAWING

Units: inches [mm] · Not to scale: use the dimensions



## DIMENSIONS

| Feature               | Nominal | Decimal | Metric   | Tolerance (typical)                   |
|-----------------------|---------|---------|----------|---------------------------------------|
| Outside diameter (OD) | 1/2"    | 0.500"  | 12.70 mm | ±0.015" (±0.38 mm)                    |
| Inside diameter (ID)  | 5/16"   | 0.313"  | 7.94 mm  | ±0.015" (±0.38 mm)                    |
| Thickness (T)         | 3/16"   | 0.188"  | 4.76 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

## Order, bulk price tiers & CAD

|                |                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Product page   | <a href="#">Buy this washer (price tiers apply at 50+ pcs)</a>                                                                                  |
| CAD (2D DXF)   | <a href="https://dixonappstudio.com/specs/rww/RWSHRNR12516316.dxf">dixonappstudio.com/specs/rww/RWSHRNR12516316.dxf</a>                         |
| CAD (3D STEP)  | <a href="https://dixonappstudio.com/specs/rww/RWSHRNR12516316.step">dixonappstudio.com/specs/rww/RWSHRNR12516316.step</a>                       |
| Material guide | <a href="https://rubberwasherwarehouse.com/pages/natural-rubber-washers-guide">rubberwasherwarehouse.com/pages/natural-rubber-washers-guide</a> |



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.