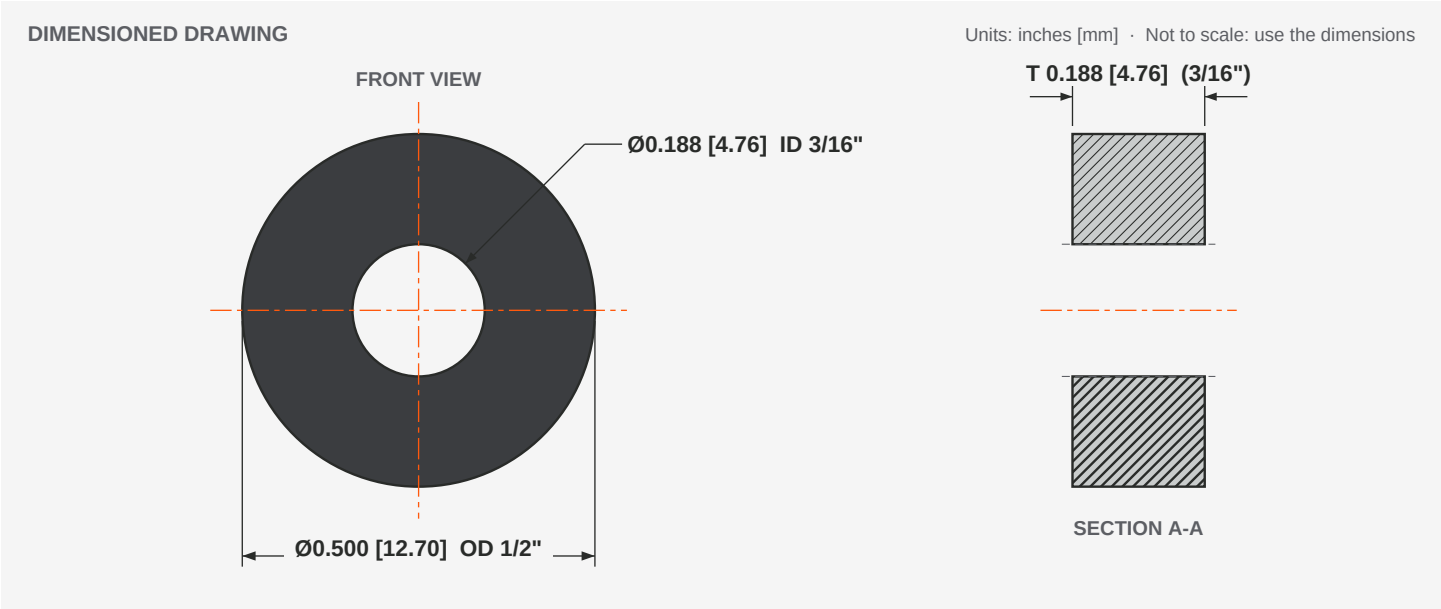


Fiber Rubber Washer 1/2" OD x 3/16" ID x 3/16" Thick

Flat die-cut washer · Vulcanized fibre (cellulose), not an elastomer · Semi-rigid; not rated on the Shore A scale · -40°F to 250°F



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)  | 3/16"   | 0.188"  | 4.76 mm  | ±0.015" (±0.38 mm)                    |
| Thickness (T)         | 3/16"   | 0.188"  | 4.76 mm  | ±0.015" or ±10%, whichever is greater |

MATERIAL: FIBER

|               |                                                |
|---------------|------------------------------------------------|
| Polymer       | Vulcanized fibre (cellulose), not an elastomer |
| Hardness      | Semi-rigid; not rated on the Shore A scale     |
| Service temp. | -40°F to 250°F (-40°C to 121°C)                |
| Colour        | Grey, red or black, depending on grade         |
| Reference     | Vulcanized fibre per ASTM D710 (typical)       |

Holds high clamp torque without extruding and insulates electrically.  
Absorbs moisture in continuous immersion.

CHEMICAL RESISTANCE (typical)

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

AVOID

Continuous water immersion, steam, strong acids or alkalis.

TYPICAL USES

- Oil drain plugs and banjo fittings
- Compression and gas fittings
- Electrical insulating washers
- Light-duty plumbing joints

Order, bulk price tiers & CAD

|                |                                                                            |
|----------------|----------------------------------------------------------------------------|
| Product page   | <a href="#">Buy this washer (price tiers apply at 50+ pcs)</a>             |
| CAD (2D DXF)   | <a href="#">dixonappstudio.com/specs/rww/RWSHRFB12316316.dxf</a>           |
| CAD (3D STEP)  | <a href="#">dixonappstudio.com/specs/rww/RWSHRFB12316316.step</a>          |
| Material guide | <a href="#">rubberwasherwarehouse.com/pages/fiber-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.