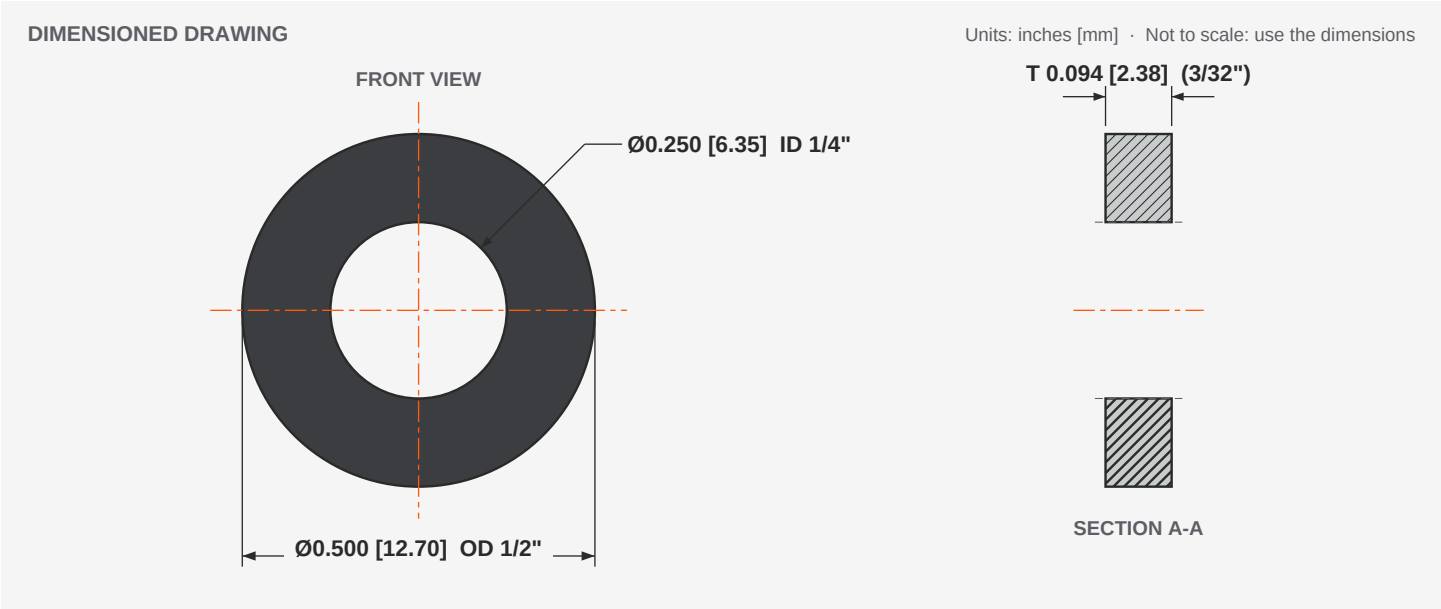


Silicone Rubber Washer 1/2" OD x 1/4" ID x 3/32" Thick

Flat die-cut washer · Silicone rubber (VMQ) · 40-60 Shore A (typical: red grade ~40A, translucent grade ~50A) · -60°F to 400°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)  | 1/4"    | 0.250"  | 6.35 mm  | ±0.015" (±0.38 mm)                    |
| Thickness (T)         | 3/32"   | 0.094"  | 2.38 mm  | ±0.015" or ±10%, whichever is greater |

MATERIAL: SILICONE

|               |                                                                 |
|---------------|-----------------------------------------------------------------|
| Polymer       | Silicone rubber (VMQ)                                           |
| Hardness      | 40-60 Shore A (typical: red grade ~40A, translucent grade ~50A) |
| Service temp. | -60°F to 400°F (-51°C to 204°C)                                 |
| Colour        | Red or translucent, depending on grade                          |
| Reference     | ASTM D2000 type FC/GE                                           |

Widest temperature range and excellent electrical insulation; low tear strength. FDA 21 CFR 177.2600 grades exist, but treat a washer as food-grade only when the order confirms an FDA grade.

TYPICAL USES

- High-heat appliances and lighting
- Food and beverage equipment (FDA grade on request)
- Electronics and enclosures
- Low-temperature service

CHEMICAL RESISTANCE (typical)

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

AVOID

Petroleum oils and fuels, concentrated acids, high-pressure steam, sharp edges (tears easily).

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/RWSHRSI1214332.dxf</a>               |
| CAD (3D STEP)  | <a href="#">dixonappstudio.com/specs/rww/RWSHRSI1214332.step</a>              |
| Material guide | <a href="#">rubberwasherwarehouse.com/pages/silicone-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.