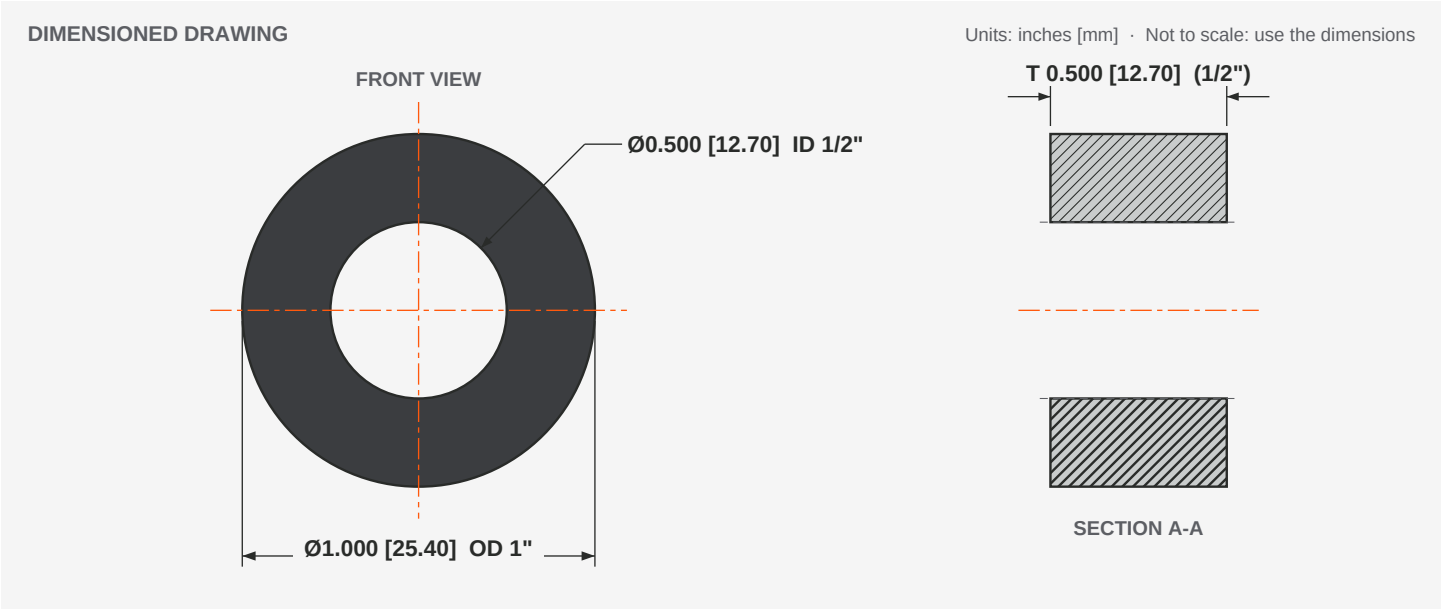


Silicone Rubber Washer 1" OD x 1/2" ID x 1/2" Thick

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"	1.000"	25.40 mm	±0.015" (±0.38 mm)
Inside diameter (ID)	1/2"	0.500"	12.70 mm	±0.015" (±0.38 mm)
Thickness (T)	1/2"	0.500"	12.70 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	Buy this washer (price tiers apply at 50+ pcs)
CAD (2D DXF)	dixonappstudio.com/specs/rww/RWSHRSI11212.dxf
CAD (3D STEP)	dixonappstudio.com/specs/rww/RWSHRSI11212.step
Material guide	rubberwasherwarehouse.com/pages/silicone-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.