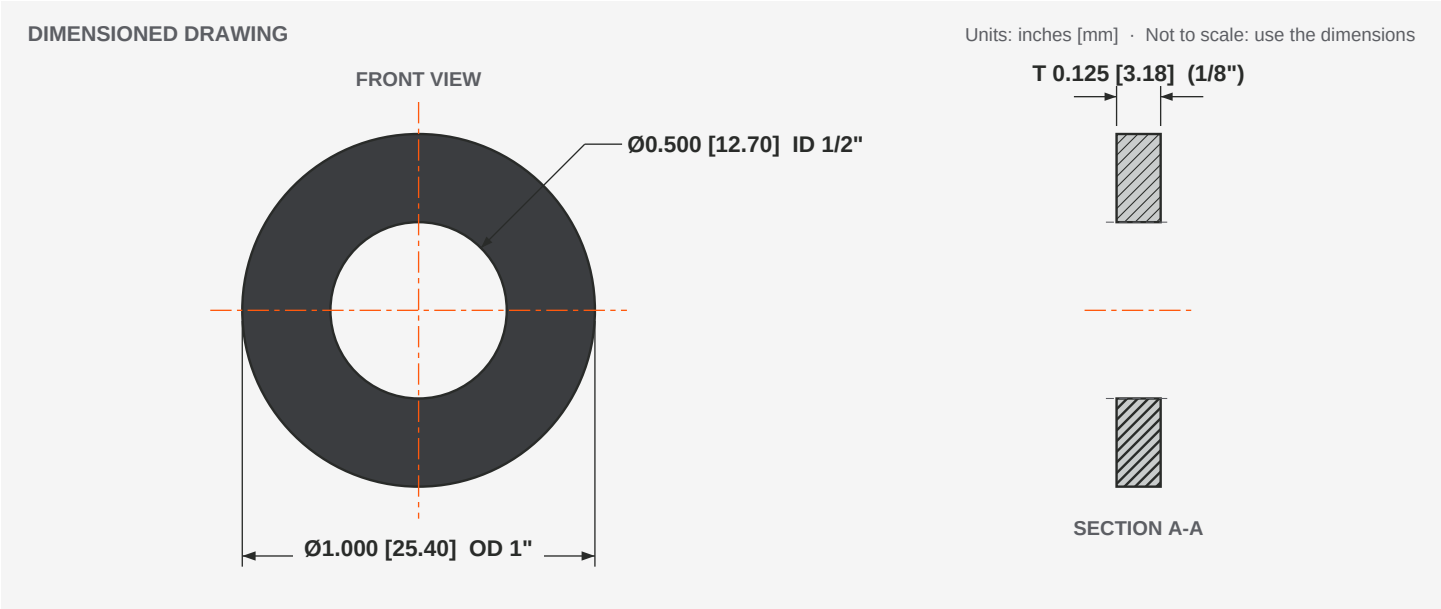


Viton (FKM) Rubber Washer 1" OD x 1/2" ID x 1/8" Thick

Flat die-cut washer · Fluoroelastomer (FKM) · 70-80 Shore A · -15°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)         | 1/8"    | 0.125"  | 3.18 mm  | ±0.015" or ±10%, whichever is greater |

MATERIAL: VITON (FKM)

|               |                                 |
|---------------|---------------------------------|
| Polymer       | Fluoroelastomer (FKM)           |
| Hardness      | 70-80 Shore A (typical)         |
| Service temp. | -15°F to 400°F (-26°C to 204°C) |
| Colour        | Black                           |
| Reference     | ASTM D2000 type HK              |

Premium fuel, oil, chemical and heat resistance; stiffens below about -15°F.

CHEMICAL RESISTANCE (typical)

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

AVOID

Ketones, amines, low-molecular-weight esters, hot water/steam above about 250°F.

TYPICAL USES

- Fuel systems incl. ethanol blends
- Hot oil and engine-bay hardware
- Chemical and solvent transfer
- Aggressive fluid service

Order, bulk price tiers & CAD

Product page

CAD (2D DXF)

CAD (3D STEP)

Material guide

Buy this washer (price tiers apply at 50+ pcs)

dixonappstudio.com/specs/rww/RWSHRV11218.dxf

dixonappstudio.com/specs/rww/RWSHRV11218.step

rubberwasherwarehouse.com/pages/viton-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.