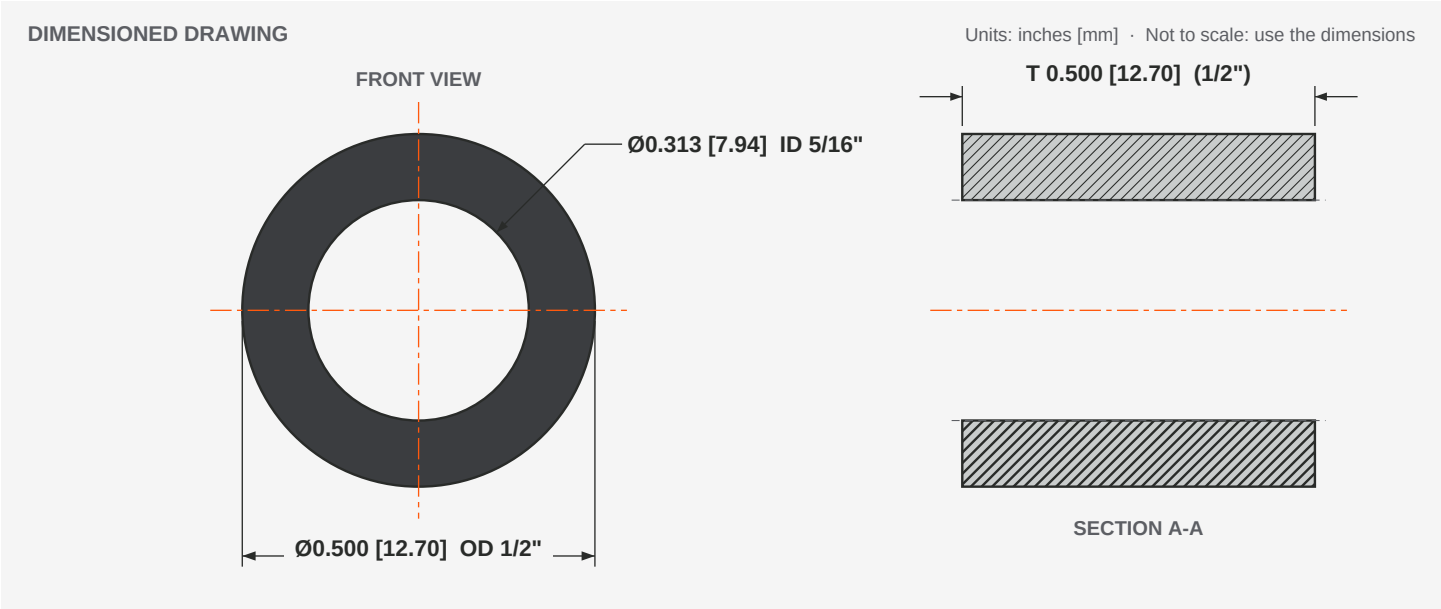


Viton (FKM) Rubber Washer 1/2" OD x 5/16" ID x 1/2" Thick

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)	1/2"	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)	1/2"	0.500"	12.70 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

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Product page	Buy this washer (price tiers apply at 50+ pcs)
CAD (2D DXF)	dixonappstudio.com/specs/rww/RWSHRVI1251612.dxf
CAD (3D STEP)	dixonappstudio.com/specs/rww/RWSHRVI1251612.step
Material guide	rubberwasherwarehouse.com/pages/viton-rubber-washers-guide



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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.