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AS568B-239 — O-RING

✓ Government record, cited

— · ORING SEAL

PRODUCT OVERVIEW

AS568B-239: O-RING.

The O-RING is a the manufacturer industrial component. Key specifications include material: RUBBER ETHYLENE-PROPYLENE CLASS EPM, outside_diameter: 3.887 INCHES NOMINAL IN, center_hole_diameter: 3.594 INCHES MINIMUM AND 3.624 INCHES MAXIMUM IN, cross-sectional_height: 0.135 INCHES MINIMUM AND 0.143 INCHES MAXIMUM IN. This part is cataloged in the U.S.

Government catalog under NSN 5331-00-001-8187, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

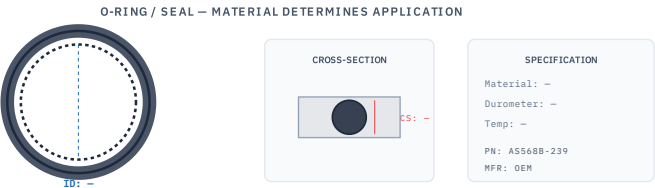
AS568B-239

NSN: 5331-00-001-8187
NIINs: 000018187 , 001733037
FSC: 5331 — O-ring
CAGE: 81343 — SOCIETY OF AUTOMOTIVE ENGINEERS INC (USA)

SPECIFICATIONS

material	RUBBER ETHYLENE-PROPYLENE CLASS EPM
outside_diameter	3.887 INCHES NOMINAL IN
center_hole_diameter	3.594 INCHES MINIMUM AND 3.624 INCHES MAXIMUM IN
cross-sectional_height	0.135 INCHES MINIMUM AND 0.143 INCHES MAXIMUM IN
NSN	5331-00-001-8187

COMPONENT DIAGRAM



⚠ VERIFY BEFORE ORDERING
Wrong material = failure. Viton for oil/fuel, EPDM for water/steam, Buna-N for general purpose, Silicone for food-grade.
Chemical incompatibility causes swelling, brittleness, or rapid degradation

✓ BROKER TIP
Durometer (hardness) affects sealing pressure tolerance. Higher Shore A = harder = higher pressure.
Standard durometer is 70A – verify if application requires different hardness

PARTSTABLE TECHNICAL DRAWING — NOT TO SCALE

KEY FEATURES

- **CROSS-SECTIONAL HEIGHT: 0.135 INCHES MINIMUM AND 0.143 INCHES MAXIMUM IN**
- **OUTSIDE DIAMETER: 3.887 INCHES NOMINAL IN**
- **CENTER HOLE DIAMETER: 3.594 INCHES MINIMUM AND 3.624 INCHES MAXIMUM IN**
- **MATERIAL: RUBBER BUTADIENE-ACRYLONITRILE CLASS NBR**

TECHNICAL CHARACTERISTICS

CROSS-SECTIONAL HEIGHT	0.135 INCHES MINIMUM AND 0.143 INCHES MAXIMUM IN
OUTSIDE DIAMETER	3.887 INCHES NOMINAL IN
CENTER HOLE DIAMETER	3.594 INCHES MINIMUM AND 3.624 INCHES MAXIMUM IN
MATERIAL	RUBBER BUTADIENE-ACRYLONITRILE CLASS NBR

SUBSTITUTES & CROSS-REFERENCES 2

G527-500-001 Same NSN cross-reference
Same NSN cross-reference
Also cataloged under this NSN

LIFECYCLE

NSN status **Active** · U.S. Government catalog

Shelf-life managed

Acquisition advice: Semi-active item — no replacement planned

No demilitarization required

ARP568-239MILP5510 Reference document

Same NSN cross-reference
Reference document — Design control — primary reference

FREQUENTLY ASKED QUESTIONS

What is AS568B-239?

AS568B-239 is a O-RING.

What parts can replace AS568B-239?

There are 2 known substitutes for AS568B-239: G527-500-001, ARP568-239MILP5510. Substitute compatibility should be verified for your specific system.

What is the NSN for AS568B-239?

AS568B-239 is cataloged in the U.S. Government catalog under NSN 5331-00-001-8187. This indicates validated use in U.S. government and defense supply chains.

✓ PartsTable — the parts reference. Every fact cited to its source.

 PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.