


CS: 0.070" ±0.003" (1.78 mm ±0.08 mm)
ID: 1.176" ±0.011" (29.87 mm ±0.28 mm)

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|---|-------------------------------------|
|  GLOBAL O-RING and SEAL ALL-AROUND BETTER | PART NUMBER A80025 |
| 14450 John F. Kennedy Blvd. Houston, TX 77032 www.globaloring.com | Aflas 80 Duro AS568 Size 025 O-Ring |
| Information in this drawing is provided for reference only | |

| | | |
|-----------------|-----------------------------|--------------------------------|
| Compound | A80-F101 | AFLAS®, Black, General Purpose |
| | Temperature Range (Static): | -10°C to 220°C |
| | Cure System: | Peroxide |
| | Specification: | M2HK810 A1-10 B37 B38 |

Compound Previously Known As: A80101

| | | Required Results | Typical Results |
|-----------------------------------|---------------------------------|------------------|-----------------|
| Properties | Hardness, (Shore A) | 80±5 | 81 |
| | Tensile Strength, psi(MPa) | 1450(10)(min) | 2772(19.11) |
| | Elongation, (%) | 150(min) | 224 |
| | Tear Resistance, Kgf/cm (die C) | | 41 |
| | Modulus at 100%, psi(Mpa) | | 1256(8.66) |
| | Modulus at 200%, psi(Mpa) | | 2641(18.21) |
| | Specific Gravity | | 1.62 |
| A1-10 | Hardness Change, pts. | | 0 |
| | Tensile Strength Change, % | | -20 |
| | Elongation Change, % | | -14 |
| | Weight Change, % | | -4.5 |
| A | Hardness Change, pts. | +10 (max) | -1 |
| | Tensile Strength Change, % | -25 (max) | -58 |
| | Elongation Change, % | -25 (max) | -6 |
| | Weight Change, % | | 8.4 |
| B37 | - | 50%(plied)(max) | 47 |
| B38 | - | | 50 |
| Service Liquid No. 101 Oil | Hardness Change, pts. | | -22 |
| | Tensile Strength Change, % | | -31 |
| | Elongation Change, % | | +22 |
| | Volume Change, % | | +24.8 |
| Mobil Jet Oil II | Hardness Change, pts. | | -15 |
| | Tensile Strength Change, % | | -26 |
| | Elongation Change, % | | +15 |
| | Volume Change, % | | +20 |
| ASTM Fuel C Resistance | Hardness Change, pts. | | -41 |
| | Tensile Strength Change, % | | -66 |
| | Elongation Change, % | | -36 |
| | Volume Change, % | | +75.9 |