



AF

ORFS MALE O-RING TEE
REF. ISO 8434-3

| PART NO. | THREAD | | | O-RING | | | DIMENSIONS | | | |
|----------|-------------|-------------|-------------|--------|------|------|------------|------|------|----|
| | E | F | G | E | F | G | A | B | C | S1 |
| AF-04Z | 9/16"X18 | 9/16"X18 | 9/16"X18 | O011 | O011 | O011 | 23 | 23 | 23 | 14 |
| AF-06Z | 11/16"X16 | 11/16"X16 | 11/16"X16 | O012 | O012 | O012 | 27 | 27 | 27 | 19 |
| AF-08Z | 13/16"X16 | 13/16"X16 | 13/16"X16 | O014 | O014 | O014 | 31 | 31 | 31 | 22 |
| AF-10Z | 1"X14 | 1"X14 | 1"X14 | O016 | O016 | O016 | 36.5 | 36.5 | 36.5 | 27 |
| AF-12Z | 1.3/16"X12 | 1.3/16"X12 | 1.3/16"X12 | O018 | O018 | O018 | 40.3 | 40.3 | 40.3 | 30 |
| AF-16Z | 1.7/16"X12 | 1.7/16"X12 | 1.7/16"X12 | O021 | O021 | O021 | 44.5 | 44.5 | 44.5 | 36 |
| AF-20Z | 1.11/16"X12 | 1.11/16"X12 | 1.11/16"X12 | O025 | O025 | O025 | 44.5 | 44.5 | 44.5 | 41 |
| AF-24Z | 2"X12 | 2"X12 | 2"X12 | O029 | O029 | O029 | 53.5 | 53.5 | 53.5 | 50 |

1. Material options for connector body and the O-ring.

| Connector body material | O-ring material | Part. No. suffix | Part No. example |
|-------------------------|-----------------|------------------|------------------|
| Carbon steel (Default) | NBR | Z | AF-10Z |
| 304 stainless steel | Viton | SR | AF-10SR |
| 316L stainless steel | Viton | SV | AF-10SV |
| 316Ti stainless steel | Viton | SY | AF-10SY |

2. Plating options and performance for carbon steel connectors.

| Plating method | Part. No. suffix | Part No. example | White rust (Hours) | Red rust(Hours) |
|------------------------|------------------|------------------|--------------------|-----------------|
| Cr3+ plating (Default) | Z | AF-10Z | 96 | 360 |
| Durakote plating | ZD | AF-10ZD | 360 | 720 |
| Zinc-nickel plating | ZN | AF-10ZN | 1000 | - |