



.06 [1.5] MAXIMUM OVER/UNDERFILL, NOT INCLUDING MENISCUS ON TUBES THIS SIDE

.06 [1.5] MAXIMUM OVER/UNDERFILL, NOT INCLUDING MENISCUS ON TUBES AT RECESS THIS SIDE

BOTH TUBES ARE CAPPED AND WELDED THIS END

NO DAMAGE ALLOWED ON KNIFE EDGE

[19.1±1]  
.75±.04  
BOTH SIDES, MEASURED AT EPOXY SEAL SURFACE

NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10<sup>-7</sup> CC/SEC OR LESS. LEAK TEST IS PERFORMED USING A G-450 VITON GASKET, A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 2800 VDC 500 MEGOHMS MINIMUM 1 MINUTE MINIMUM TUBE TO TUBE AND EACH TUBE TO HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER:  $\phi$ .060 [1.5] MAX ALLOWED VOID SIZE  
 REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
6. DIMENSIONS ARE INCHES [millimeters].
7. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

| 4    | 1   | GASKET G-450 C | COPPER GASKET CF450   |
|------|-----|----------------|---|
| 3    | 2   | 8967K94-17"    | TUBE 122 COPPER SEAMLESS .500"/+/- .002" OD X .032" WALL X 17" OAL, CAPPED & WELDED ONE END |
| 2    | A/R | PAVE-Seal 150  | EPOXY BLACK   |
| 1    | 1   | 5562           | HOUSING CF450-SS (304SS)  |
| ITEM | QTY | PART NUMBER    | DESCRIPTION   |

**PAVE technology co.**  
 2751 Thunderhawk Court  
 Dayton, OH 45414-3445  
 U.S.A.  
 tel (937) 890-1100  
 fax (937) 8905165  
 www.pavetechnologyco.com

DESCRIPTION  
 CF450-SS-150-2-.5CUTUBE-4-10

PART NUMBER  
**5553**

MATERIAL NOTED

REVISION LEVEL -

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5  
 X.X DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005  
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS