



## TEMPERATURE INFORMATION

| MPF notable temperature FACTS                   | Kelvin | Celsius | Fahrenheit |
|---|--------|---------|------------|
| Absolute Zero                                   | 0      | -273    | -459       |
| Liquid Helium temperature                       | 4      | -269    | -452       |
| Liquid Nitrogen temperature                     | 77     | -196    | -321       |
| Liquid Argon                                    | 87     | -186    | -302       |
| "Really cold outside"                           | 256    | -17     | 0          |
| Water Freezes                                   | 273    | 0       | 32         |
| Room temperature                                | 296    | 23      | 74         |
| MPF bakeable rating for Fused Silica seal       | 473    | 200     | 392        |
| MPF bakeable rating for Alumina & Sapphire seal | 723    | 450     | 842        |
| typical brazing temps (750-850C)                | 1020   | 750     | 1382       |
| typical brazing temps (750-850C)                | 1123   | 850     | 1562       |
| Copper (CDA 101) melts                          | 1356   | 1083    | 1981       |

