



STANDARD THREADED THERMOWELLS FOR 3/8" DIAMETER ELEMENTS (GAS THERMOMETERS)

TYPE:
GT0__
GT2__

| PRESSURE - TEMPERATURE RATING - PSI | | | | | | | |
|-------------------------------------|------------------|------|------|------|------|-------|-------|
| Material | Temperature - °F | | | | | | |
| | 70° | 200° | 400° | 600° | 800° | 1000° | 1200° |
| Brass | 5000 | 4200 | 1000 | - | - | - | - |
| Carbon Steel | 5200 | 5000 | 4800 | 4600 | 3500 | 1500 | - |
| 304SS | 7000 | 6200 | 5600 | 5400 | 5200 | 4500 | 1650 |
| 316SS | 7000 | 7000 | 6400 | 6200 | 6100 | 5100 | 2500 |
| Monel | 6500 | 6000 | 5400 | 5300 | 5200 | 1500 | - |

| MAXIMUM FLUID VELOCITY - FEET PER SECOND | | | | | | | | | |
|--|--------------|------------------------|--------------|--------------|--------|--------|--------|--------|--------|
| Well Type | Material | Insertion Length - "U" | | | | | | | |
| | | 2-1/2 | 4-1/2 | 7-1/2 | 10-1/2 | 13-1/2 | 16-1/2 | 19-1/2 | 22-1/2 |
| GT0XX GT2XX | Brass | 290 (145) | 150 (80) | 54.1 (48) | 27.6 | 16.7 | 11.1 | 8.0 | 6.0 |
| | Carbon Steel | 326 (260) | 192 (144) | 69.5 | 35.4 | 20.5 | 14.3 | 10.3 | 7.7 |
| | 304SS, 316SS | 349 (360) | 199 | 71.9 | 36.6 | 21.2 | 14.8 | 10.7 | 8.0 |
| | Monel | 316 (320) | 189 (178) | 68.1 | 34.8 | 20.8 | 14.0 | 10.0 | 7.5 |

Note: Values are for steam, air, gas and similar density.
Values shown in parenthesis are for water flow only.

NOTE: Data on thermowell performance is from common industry standards used by design engineers and other manufacturers. Weiss is not responsible for errors resulting from omission, transmission, transposition, printing or interpretation of such data.