

THERMOWELL MATERIAL AND SPECIAL PROCEDURES

JMS SYMBOL	MATERIAL SELECTION*
A	ALLOY 800H/HT(I-800H/HT)
B	F5
C	F9
D	F91 - TYPE 2
E	F22 - CLASS 3
F	F11- CLASS 2
G	CARBON STEEL (CS)
H	304 STAINLESS STEEL (304 SS)
I	LOW CARBON 304 STAINLESS STEEL (304L SS)
J	310 STAINLESS STEEL (310 SS)
K	316 STAINLESS STEEL (316 SS)
L	LOW CARBON 316 STAINLESS STEEL (316L SS)
M	INCONEL 600 (I-600)
N	MONEL 400
O	INCONEL 601 (I-601)
P	HASTELLOY B-3
Q	HASTELLOY C-276
U	DUPLEX 2205
X	OTHER, SPECIFY

Premium Thermowell Options*

For more options, like those listed below, as well as many others, consult your sales representative directly.

Certificate of No Animal Derived Materials(NADM)

Stellite coating

Optimal for wear reduction. **Max** temperature 500°C

Teflon coating

Recommended for corrosive environments. **Max** temperature 200°C

Liquid Penetrant Testing [per ASME B31.1](#)

Certificate of Electropolishing

Post weld heat treating per NACE MRO175

Post weld heat treating per NACE MRO103

NACE MRO175 Certified materials

NACE MRO103 Certified materials

CRN certificate [per ASME B31.3](#)

Passivation

Positive Material Identification(PMI) X-Ray Fluorescent Analysis [per ASME B31.1](#)

Certificate of Mill Test Report(MTR)

Certificate of No Polishing Compounds(NCP)

Certificate of Cleaned for Oxygen Services(COS)

Internal hydrostatic pressure test [per ASME B31.1](#)

External hydrostatic pressure test [per ASME B31.1](#)

Tantaline

Certificate of surface finish

Shot peening

X-Ray Examination [per ASME B31.1](#)

Ultrasonic Examination [per ASME B31.1](#)

PTC 19.3TW premium SwiftyCalc calculation

Other, specify

Shearwave Ultrasonic Examination [per ASME B31.1](#)

*Not available for all thermowell configurations. Please consult your JMS sales representative with questions, concerns, and/or clarification purposes.