

Thermowells



Thermowells are recommended to protect both the operator and the temperature sensor. Additionally a damaged sensor may be removed without shutting down or draining the process.

- ◆ Rugged construction
- ◆ Cost effective
- ◆ Brass or stainless steel

Pressure Rating vs Temperature

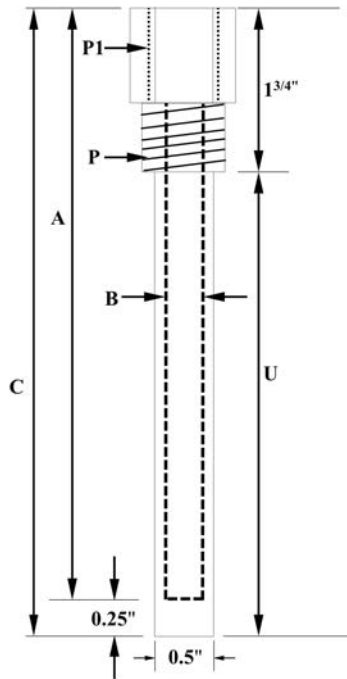
Material	70°F	200°F	400°F	600°F	800°F	1000°F	1200°F
brass	5000psi	4200psi	1000psi	-	-	-	-
304 stainless steel	7000psi	6200psi	5600psi	5400psi	5200psi	4500psi	1650psi

Industry Usage

HVAC, Building automation, Energy management

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Nomenclature
 P1: Internal thread (standard 1/2" NPSM for brass and 1/2" NPT for SS)
 P: External thread (standard is 1/2" NPT)
 B: Internal bore (standard is 0.260")
 A: Length of bore
 C: Overall length
 U: Immersion length

Ordering Data:

Item number	Material	External thread	Internal thread	Bore	Immersion	Overall length
TW-B-4	brass	1/2" NPT	1/2" NPSM	0.260"	2 1/2"	4 1/4"
TW-B-4-3/4	brass	3/4" NPT	1/2" NPSM	0.260"	2 1/2"	4 1/4"
TW-B-6	brass	1/2" NPT	1/2" NPSM	0.260"	4 1/2"	6 1/4"
TW-B-6-3/4	brass	3/4" NPT	1/2" NPSM	0.260"	4 1/2"	6 1/4"
TW-S-4	304 stainless steel	1/2" NPT	1/2" NPT	0.260"	2 1/2"	4 1/4"