

Standard Temperature Testing Range

Standard Temperature Testing Range °C (°F)	
Up to 200mm	-45°C (-49°F) to 450°C (842°F)
Up to 500mm	Ambient to 450°C (842°F)
OEM Products	-75°C (-103°F) to 450°C (842°F)

Metals Temperature Range

Standard Metals Temperature Range °C (°F)		
Metal	Max	Min
Stainless Steel (316&304)	600 (1112)	-196 (-321)
Duplex Steel UNS31803	315 (600)	-
Nickel Alloy 2200	315 (600)	-185 (-301)
Nickel Alloy 2201	400 (750)	-185 (-301)
Inconel Alloy SB 166 N06600	482 (900)	-196 (-321)
Inconel Alloy SB 443 N06625	400 (750)	-196 (-321)
Inconel Alloy SB 425 N08825	400 (750)	-182 (-296)
Monel Alloy SB 164 N04400 Annealed	400 (750)	-182 (-296)
Monel Alloy SB 164 N04400 Hot Worked	537 (1000)	-253 (-423)
Hastelloy B2 SB33 5N10665	426 (800)	-200 (-328)
Hastelloy C22 SB574 N06022	600 (1112)	-196 (-321)
Hastelloy C276 SB575 N10276	600 (1112)	-196 (-321)
Zirconium SB550 R60702 (Zr)	371 (700)	No Info
Zirconium SB550 R60705 (Zr +5%Nb)	371 (700)	No Info
Titanium SB348 R50400 Gr2	315 (600)	-196 (-321)
Graphite MXAS600	180 (356)	-50 (-58)

PFA / PTFE Temperature Range °C (°F)

Material	Max	Min
PTFE	200°C (392°F)	-200°C (-392°F)*
PFA	200°C (392°F)	-200°C (-392°F)*

*Low temperature embrittlement is at -268°C (-450.4°F)

- For temperatures below zero, caution is needed if shock loading is involved.