


Comparison of protection tube materials by application limitation

	For temperatures under 2100° F						For temperatures over 2100° F					
	Corrosion	Erosion/abrasion	Oxidation	Reduction	Impact/Mech. Shock	Sulfides	Corrosion	Erosion/abrasion	Oxidation	Reduction	Impact/Mech. Shock	Sulfides
Carbon Steel			X									
Cast iron			X									
304 stainless steel												
316 stainless steel												
310 stainless steel												
446 stainless steel												
Inconel 600®						X						
Incoloy 800®												
Sialon												
HR-160®												
Inconel 601®												
Alloy 20												
Silicon Carbide												
Hexoloy®												
LT-1®												
Mullite												
Alumina												

 = Experience indicates this as a possible solution
 X = Do not use

Note: These are guidelines only, based upon our past experience. Because many factors influence the overall suitability of a material, we can make no guarantee regarding use in a specific application.