

TYPE 19 24 Gage Alumina Insulated Noble Metal High Temperature Thermocouples

These thermocouples can be used unprotected in clean oxidizing atmosphere where forced flow is absent. In areas of contamination or forced flow, the use of Mullite or Alumina protection tubes is recommended for improvement of service life.

CALIB. CODE	% MATERIAL COMBINATION				MAXIMUM OPERATING TEMPERATURES — °F		
	(+)		vs	(-)		UNPROTECTED	† PROTECTED
	PLAT	RHO		PLAT	RHO		
PS	90	10		100		2550	2700
PR	87	13		100		2550	2700
P20	80	20		95	5	2700	3050
P30 (B)	70	30		94	6	2700	3100
P40	60	40		80	20	2850	3250

† GAS TIGHT TO 3100°F MAX. (SEE PAGE 24)

For PS, PR, and P30 Thermocouples, do not use indicator or recorder manufactured prior to 1973 unless they have a revised range scale to match the updated international practical temperature scale of 1968.

