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## JMS COATINGS APPLICATION CHECKLIST

The information requested below is a minimum requirement to enable JMS to provide a suitable application solution, particularly in the case of exotic metal and/or elements.

Jacket	_____
Coating	_____

- Maximum temperature sensor will be exposed to: \_\_\_\_\_  
Continuous \_\_\_\_\_ Intermittent \_\_\_\_\_
- Normal operating temperature \_\_\_\_\_
- Process conditions:
  - Gas, liquid, etc. \_\_\_\_\_  
(Please provide chemical concentration where possible)
  - Approximate flow rate \_\_\_\_\_
  - Special pressure or vibration considerations \_\_\_\_\_
  - Any abrasive conditions \_\_\_\_\_
- Temperature element details - RTD or Thermocouple type, etc. (This information is also requested in cases where JMS has been asked to supply only the thermowell.)

Platinum RTD	_____	E Thermocouple	_____
J Thermocouple	_____	R,B,S, Thermocouple	_____
K Thermocouple	_____	Other	_____
- If a metal other than listed in the JMS catalog is specified (ex. - nickel or black steel), we need to know the content or appropriate ASTM, UNS, AISI-SAE number. \_\_\_\_\_
- Is thermal shock a possibility? \_\_\_\_\_ Is the temperature cycled frequently? \_\_\_\_\_  
Does the probe remain immersed? \_\_\_\_\_
- If in gas environment, is it oxidizing, reducing, or inert? \_\_\_\_\_
- If this is to be a replacement application, information regarding the successes/failures of other units could be beneficial. When possible, please provide any manufacturer and part number information.
- Other Comments \_\_\_\_\_  
\_\_\_\_\_