

CLOTH DESIGN CHECKLIST

Project Name: _____

Submitted by: _____

Applicable Sketch or Drawing: _____

CUSTOMER/END USER CONTACT INFORMATION

Company Name: _____

Contact Name: _____

Phone Number: _____ Email or Fax: _____

Address: _____

TEMPERATURES:**1.1 Unit of Measurement:**

°C °F

1.2 Ambient Temperature Range:

Minimum: _____ ° Maximum: _____ °

1.3 Heat Requirements: Total Wattage: _____ or recommend from information below

Starting content/ object temperature: _____ °

Heat up to: _____ ° within: _____ hours

Maintain at: _____ ° but never above: _____ ° and never below: _____ °

Is the contents under flow? Yes No If yes, what is inlet fluid temperature and flow rate? _____

1.4 Jacket size information: Dimensioned sketches included: Yes No

Heating application questionnaire (SA-05-0026U) already submitted: Yes No

1.5 Required Approvals (for heaters only):**JACKET MATERIAL****2.1 Liner and Facing Material**

| | Please Recommend | PTFE Cloth Gray | BriskClean Cloth | Samox | Gray Silicone | FG Cloth (Beta) | Aluminum | ePTFE | Polyester (wet-area) |
|-------------------------|------------------|-----------------|------------------|-------|---------------|------------------|----------|-------|----------------------|
| Liner (Inside) | | | | | | | | | |
| Facing (Outside) | | | | | | | | | |

2.2 Insulation Thickness

| Please Recommend | 1/4 in (6mm)* | 1/2 in (12mm)* | 1 in (25mm)* | Other Specify | None |
|------------------|---------------|----------------|--------------|---------------|------|
| | | | | | |

*Please share any known interference points which may affect the heater/insulator installation.

2.3 Type of Closure

| Please Recommend | Hook and Loop (Standard) | D-Rings | Grommets | Rope Draw-Cord | Hook and Lace | Other Specify |
|------------------|--------------------------|---------|----------|----------------|---------------|---------------|
| | | | | | | |

POWER CONFIGURATION**3.1 Voltage**

| 120VAC | 208VAC | 240VAC | 277VAC | 480VAC | Other Specify |
|--------|--------|--------|--------|--------|---------------|
| | | | | | |

CLOTH DESIGN CHECKLIST CONTINUED

3.2 Frequency

| | | | |
|--------|-------------|---------------|---------------|
| Single | 3 Phase Wye | 3 Phase Delta | Other Specify |
| | | | |

3.3 Plug Connector Type

| | | |
|------------------|-----------------|----------------|
| Please Recommend | None: Bare Wire | Other: Specify |
| | | |

TEMPERATURE CONTROL

4.1 Temperature Control

| | | | | | | |
|------------------|---------------------------|--------------------------|---------------------------------|---------------------------------|---------------|----------------------------|
| Please Recommend | Lynx® (T/C or RTD Sensor) | Centipede®2 (RTD Sensor) | MPC2 Series (T/C or RTD Sensor) | Built-in controlling Thermostat | Other Specify | None, supplied by customer |
| | | | | | | |

4.2 Built-in Controlling Thermostat (if applicable)

| | | | | | | |
|------------------|------|--------------|---------------|---------------|---------------|---------------|
| Please Recommend | None | 82°C (180°F) | 120°C (248°F) | 150°C (302°F) | 200°C (392°F) | Other Specify |
| | | | | | | |

4.3 High Limit Thermostat

| | | |
|------------------|------|--|
| Please Recommend | None | Specify (If specific temperature is required) |
| | | |

4.4 Sensor Type built into Jacket on Pipe (not applicable if controlling thermostat is used)

| | | | | | |
|------------------|--------------------|---------------------|---------------------|---------------|------|
| Please Recommend | Platinum RTD PT100 | Type-J Thermocouple | Type-K Thermocouple | Other Specify | None |
| | | | | | |

4.5 Thermocouple Connector Type (if applicable)

| | | | | | |
|------------------|------|----------|------|------------|-----------------------|
| Please Recommend | Mini | Standard | Plug | Receptacle | Other: Please Specify |
| | | | | | |

4.6 Monitoring Options (if applicable)

| | | |
|------|--|----------------------------------|
| None | Red LED Low Temperature Indicating Light | Green LED Power Indicating Light |
| | 82°C (180°F) | 120°C (248°F) |

Monitoring light is found in AMP Mate-N-Lock connectors only

OTHER COMMENTS

Examples include special lead lengths, no jumpers, and hook and loop width