



WarmTrace™ Thermal Insulation Schedule

Thermal insulation is critical to the overall performance of a heat traced hot water supply system. The following insulation schedule must be followed to ensure maintain temperatures are within the desired range.

Variations to this insulation schedule could result in maintenance temperatures different than designed and required.

Fiberglass Insulation Specifications for Warm Trace Systems:

Insulation Thickness	Nominal Pipe Size	Nominal Insulation Size (Inside Diameter)
	15mm	25mm
25mm	20mm	25mm
	25mm	32mm
	32mm	40mm
40mm	40mm	40mm
	50mm	50mm
	65mm	65mm
50mm	80mm	80mm
	100mm	100mm

Notes :

1. This insulation schedule is applicable for 45 deg C, 50 deg C, and 60 deg C WarmTrace™ Systems.
2. All selections are based on using fiberglass pipe sections with an aluminum foil moisture vapour barrier (consistent with ASTM Std C-547). Other types of Thermal Insulation with equivalent thermal conductivity properties may also be used. If in doubt consult Thermon.
3. To accommodate the heating cable on copper piping that is 32mm dia. or less, the Thermal Insulation will need to be one size larger than the nominal pipe diameter.
4. Allowances are based on one single pass of heating cable. Considerations should be given to areas of additional heat loss (pipe supports, floor penetrations, valves, etc.).