



LISTING INFORMATION OF Aquatherm Advanced

SPEC ID: Fusiotherm® with "Reflectix" Insulation

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PRODUCT COVERED

Aquatherm Advanced system:

Fusiotherm® or Climatherm® Polypropylene Composite Pipe Insulated with "Reflectix" Linear Pipe Wrap (LPW) Insulation.

PRODUCT DESCRIPTION

Fusiotherm® Pipe is used in Hot and Cold Water Plumbing Systems and is certified for drinking water applications. The internal pipe is made from polypropylene with or without a middle layer of fiber reinforcement.

Climatherm® Pipe is used in radiant heating and process applications. It is manufactured from polypropylene with a middle layer fiber re-inforcement.

The product consists of a maximum 250 mm nominal diameter polypropylene pipe insulated with one layer/wrap of "Reflectix" insulation (Intertek Listed). The insulation is a foil/bubble/foil type of flexible insulation approximately 0.3 in. thick with an adhesive strip on the inside edge, pipe wrap under the trade name "Reflectix" Linear Pipe Wrap (LPW) and is applied to the pipe by wrapping it longitudinally around the pipe. The single longitudinal seam is then taped on the outside using "Reflectix" brand 2 in. wide "FT210" multi-purpose aluminum foil tape. Pipe may be wrapped on site, or be supplied pre-wrapped. The pipe only is required to be wrapped, fittings are not required to be wrapped.

RATINGS

ASTM E84-07

The product has received a Flame Spread and Smoke Developed rating of 5 and 30 respectively with a pipe spacing limitation as follows;

- Max. 2" dia. NPS - minimum 6" on centres
- 3" to 6" dia. NPS - minimum 6" apart
- over 6" dia NPS - minimum 18" on centres

CAN/ULC S102.2-07

The product has received a Flame Spread and Smoke Developed rating of 0 and 0 respectively with a pipe spacing limitation as follows;

- Max. 2" dia. NPS - minimum 6" on centres
- 3" to 6" dia. NPS - minimum 6" apart
- over 6" dia NPS - minimum 18" on centres

<u>Attribute</u>	<u>Value</u>
Architecture Code	15200 Process Piping
Listed or Inspected	LISTED
Report Number	3150724COQ-003(a); 3150274COQ-003(b); 3150274COQ-004
Criteria	ASTM E84 (2007a)
Criteria	CAN / ULC S102.2 (2007)

Intertek Services	Certification
Classification - Flame Spread Index	E-84: 5, CAN/ULC S102.2: 0
Classification - Smoke Developed Index	E-84: 30, CAN/ULC S102.2: 0
Listing Section	BUILDING MATERIALS WITH SURFACE BURNING CHARACTERISTICS