**THERMACOR**

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| **FERRO-THERM SC** | FTSC**7.106** |
| STANDARD COMPONENTS | 9.05.07 |

Standard Components

8' - 6"

3' - 6"

5' - 0"

5" 5"

ANCHOR

JACKET PLATE POLYURETHANE FOAM

CARRIER PIPE

WATERSHED RINGS

HEAT SHRINK TAPE (BOTH SIDES)

**ANCHOR DETAIL**

1'-6"

5"

1'-6"

5"

CARRIER PIPE

POLYURETHANE FOAM

JACKET

1'-6"

5"

**TEE + REDUCING TEE**

Standard Components (SC) are typical piping compo- nents that are pre-insulated by the manufacturer, pro- viding a higher quality product than their field-insulated alternative without having to specify a pre-engineered system. No field-insulation of fittings will be required because all joint closures shall occur at straight lengths of pipe.

A

5"

CARRIER PIPE

POLYURETHANE FOAM

A

JACKET

5"

**90º ELBOW DETAIL**

Standard Components are covered with a High Density Polyethylene (HDPE) outer protective casing over poly- urethane insulation and are delivered to the job site in standard sizes and configurations for ease of installing the system. An SC system provides longer life than field-insulated systems because the pre-insulated com- ponents aid in ensuring water-tight integrity and thermal efficiency.

Standard Components provide last minute field flexibil- ity because they allow for onsite alterations or routing changes. Because the SC product is standardized, fac- tory spooling is not required, the product can be quickly shipped, and pipe lengths can be cut to fit in the field.

Upon request, THERMACOR’s engineering department can develop a site layout drawing, or review the con- tractor’s predicted as built drawing to ensure that proper expansion compensation has been accounted for.

**The tangent dimension, “A”, for fittings varies from 18” to 30” in length for pipe diameters between 1/2” and 16”.**

**Elbows 18” and larger are standard buttweld fittings,**

**pre-insulated without tangents.**

**Tangent footage on fittings is deducted from the overall pipe footage.**

**CENTER TO END DIMENSIONS 90º ELBOW**

Example SC Fittings

|  |  |
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| **Pipe Size** | **Description** |
| < 2” | 90º socket weld w/ 1’-6” C-E Dim. |
| 2” Std. | 90º bend with 1’-6” C-E Dim. |
| 2” O.S. | 90º bend with 2’-2” C-E Dim. |
| 2.5” Std. | 90º bend with 1’-6” C-E Dim. |
| 2.5” O.S. | 90º bend with 2’-2” C-E Dim. |
| 3” Std. | 90º bend with 1’-6” C-E Dim. |
| 3” O.S. | 90º bend with 2’-2” C-E Dim. |
| 4” Std. | 90º bend with 2’-2” C-E Dim. |
| 4” O.S. | 90º bend with 3’-3” C-E Dim. |
| 6” Std. | 90º bend with 3’-3” C-E Dim. |
| 6” O.S. | 90º bend with 3’-3” C-E Dim. |
| 8” Std. | 90º buttweld with 1’-6” C-E Dim. |
| 8” O.S. | 90º buttweld with 1’-9” C-E Dim. |
| > 8” | 90º buttweld with 1’-6” C-E Dim. |