



## General Information About Ordering Iso/Styro Fittings

### Insulation Materials

### Points to Consider

1. **Specify type, manufacturer and fitting number of jacketing you will be using to cover your insulation for fittings.**

For PVC jackets – PIC, Ceelco, Speedline, Proto, Zeston, etc.

For metal jackets (Aluminum or Stainless Steel) – ITW (Pabco-Childers), RPR, Gasco, etc.

**Please try to provide the jacket number.**

2. Identify the Insulation Product:

Iso or Styro?

3. Identify the Type of Pipe to be insulated:

Iron, Copper, Stainless Steel Pipe, Stainless Steel Tubing, Ductile, Schedule 40 or 80 PVC, etc.

4. Identify the Type of Fitting to be insulated:

90 Degree Elbow, 45 Degree Elbow, Tee, Reducing Tee, Union, Reducer (Concentric or Eccentric), Flanged, Mechanical Joint or Victaulic.

If fittings are Flanged indicate their shape (oval, square or round) and specify the poundage for the flange. Style number and clamp number is required for Victaulic Fittings.

5. Identify how the Fitting connects to the Pipe:

Generally 1/2” to 2” nominal pipe size are Screwed or Socket Weld.

Generally 2-1/2” and larger are usually Welded.

Sweat fittings are assumed to be for copper tubing.

Stainless Steel Tubing fittings are assumed to be weld.

Fittings for PVC pipe are assumed to be Socket Weld.

Mechanical Joints, refer to page 10 (specifications are needed).

Victaulic fittings require a style number and a clamp number.

Flanged (oval, square or round). Specify the poundage for the flange. Refer to page 10.

6. Identify whether 90’s are Long Radius or Short Radius. 45’s are assumed to be Long Radius.

**Long Radius:** Long radius weld elbows are the standard in almost all industrial and commercial work. The centerline radius is 1-1/2 times the nominal size.

**Short Radius:** Short radius welded elbows are not considered standard and are seldom used in industrial or commercial work. The centerline radius is the same as the nominal size.

Victaulic elbows are normally short radius. The centerline radius is less than the nominal size.

Copper elbows are normally short radius. However, long radius Copper fittings are also used.

7. Specify poundage PSI – 150, 2000, 3,000, etc.

Water, oil and gas lines are normally low PSI (150-300 lbs). The standard for screwed and socket weld fittings is 2,000 lbs. for the ammonia refrigeration industry.

8. **Fittings ordered without pipe insulation will be charged full price (no discount).**

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