

# ENGINEERING SPECIFICATIONS

## FLEXIBLE METAL BRAIDED CONNECTORS

Flexible metal braided connector assemblies can be used on pumps, equipment and coil connections as indicated in the specifications, drawings and equipment schedules.

Flexible metal braided connectors can also be used where flexible connectors are specified on equipment that will operate at temperatures above 210°F.

Flexible metal braided connectors must be installed in a straight line without offsets or twists. Support pipe without any load on flexible connectors.

Connectors for pipe sizes up to 2" I.D. will have threaded ends, and connectors for pipe sizes 2-1/2" I.D. or larger will be flanged. Connectors for copper piping will have female copper tube ends.

Utilize connectors of 300 Series stainless steel corrugated hose and braid and carbon steel Male NPT or 150# flange end fittings for connection to steel piping. Female connectors to be installed on copper piping should be constructed of bronze hose and braid with copper end connections.

Stainless steel braided connectors will be TCH:

- Series TCHS-MMT (Male NPT)
- Series TCHS-FLG (Carbon Steel 150# Plate Flanges)
- Series TCHS-GR (Schedule 40 Carbon Steel Grooved Fittings)
- Series TCHS-GRPF (Schedule 40 Carbon Steel Fitting by 150# Carbon Steel Plate Flange)

Bronze braided connectors will be TCH:

- Series TCHB-MMT (Copper Male NPT)
- Series TCHB-CHMMT (Copper Hex Male)
- Series TCHB-FFSC (Copper Female Sweat Ends)