



HOSE & BRAID

OPERATION, INSTALLATION & MAINTENANCE INSTRUCTIONS

OPERATION: Flexible metal hose is designed to absorb vibration and allow for misalignment. When pressurized, outer braid covering should be tight around the inner hose section. If braid is loose, readjust supports to prevent compression or excessive offset.

INSTALLATION:

1. Unit lengths must not be altered during installation. Install at dimensions indicated on submittal drawings.
2. The flexible section shall be protected from damage. Dents, scores, arc strikes, weld spatter, and other damage can cause the connection to fail. Damaged connectors should not be used.
3. All hangers & supports must be installed according to engineering drawing and specifications
4. Remove shipping restraints after installation and before hydro testing
5. Test Pressure should not exceed 1½ times the product's maximum pressure rating
6. Align connector flange and pipe flange holes. **DO NOT** try to compensate for flange or pipe misalignment by putting torsional, compressive, extension or offset loads on unit
7. Collars/Braid Bands are **NOT** wrench points

Bronze Assemblies:

1. Clean each end before installing. Brazing and soldering flux must be removed immediately after installation
2. Wrap base of fitting with a wet cloth to dissipate heat during sweating of the assembly to system
3. Direct all heat away from the base of fitting and hose/braid.
4. Remove wet cloth after installation.

MAINTENANCE: No regular maintenance is required. Periodic visual inspections for damage or movements beyond design is suggested