

Power Plant Supply Co 7 h #

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<http://www.powercanadasolutions.com/expansionjoints.html>

PIPE CONNECTORS CONTROL NOISE, VIBRATION, STRESS, AND MOVEMENT

Rubber Expansion Joints provide flexible connectors between pumps, vessels, pipe work etc., for the Chemical Process Industry, HVAC, Marine, Pollution Abatement, most hydraulic applications.

Expansion Joints, also known as flexible connectors, allow for a resilient connection to be made between pipes and equipment, as well as between piping sections and ductwork. Expansion Joints are available in a range of sizes and materials to allow for maximum flexibility of application design.

By providing a flexible connection between sections of piping or equipment, expansion joints offer a method of reducing wear and failure risk by absorbing vibrations and other potential disturbances.

Expansion joints make it possible to fit piping through walls and other locations where settling may be a hazard. The rubberized material of expansion joints are capable of withstanding various types of force (torsion force, lateral stress, expansion and compression), it provides a more reliable connection between sections of pipe and between pipes and equipment than straight metal-to-metal contact.

<mailto:sales@powerplantsupplyco.com>

Elastomeric Pipe Connectors

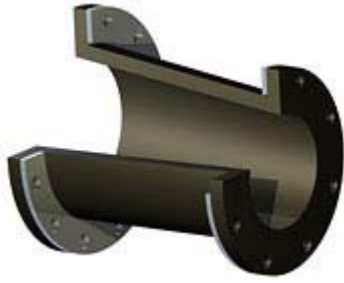
Elastomeric Pipe Connectors are designed to relieve piping stress, reduce noise and vibration and compensate for lateral and angular piping misalignment.

Pipe Connectors have a smooth bore with no arch and have a thick inner tube reinforced with multiple plies of high tensile fabric and helical steel wire or solid steel rings.



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End connections are reinforced rubber flanges with steel backing rings or steel reinforced bead ends with rotating steel flanges.

Standard pressure ratings are 150psig or 300 psig depending on temperature and application. Higher working pressures may be available for some applications.



Pipe connectors, expansion joints, duckbill valves: Power Plant Supply Co. has convenient shipping warehouse locations in Canada, to serve customers in Ontario, ON, Quebec, QC, Atlantic Canada, including New Brunswick, NB, PEI, Nova Scotia, NS, Newfoundland & Labrador, NL, British Columbia, BC, Alberta, AB, Manitoba, Man, Saskatchewan, SK, Nunavut, Northwest Territories, NWT, Yukon. Next day Air or convenient ground to major cities including Vancouver, Calgary, Edmonton, Fort McMurray, Winnipeg, Yellowknife, Thunder Bay, Hamilton, Toronto, Ottawa, Montreal, Quebec City, Saint John, Moncton, Fredericton, Charlottetown, Halifax, Sydney, Corner Brook, St John's

Pipe Connectors are designed for vibration, angular and lateral movement only. If there is a possibility of axial forces acting on the connector, then either use control units to restrict the pipe motion or use an expansion joint that is designed for axial motion.



Available in various configurations

- Spool Type
- Concentric Reducing
- Eccentric Reducing
- Elbows
- Offsets
- Oversize Flanges
- Vacuum Rated
- Dredging Sleeves

Customized pipe connector solutions for demanding applications.

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