

**Flue Duct Connectors**  
**SUGGESTED SPECIFICATIONS**

Ducting systems subject to thermal expansion, misalignment or vibration shall be protected from stress induced damage and sound/ vibration transmission by being isolated by means of a composite fabric or elastomer type flexible connector or expansion type joint.

The Duct Connector shall be designed to ensure that the internal temperature, which is against the “gas seal side” of the connector, is greater than the dew point, which will prevent buildup of corrosive liquid against the gas seal.

Low temperature (< 400 deg. F) systems will require only a elastomer type connector, which may be flat or convoluted depending on movements required and/ or customer specifications.  
Connectors can also be flanged or slip on depending upon application or customer preference.

Duct systems carrying dust particulate will require that the connector be fitted with a flow liner to protect the flexible connector. Heavy dust loads will require a telescoping liner with a dust seal to prevent dust build up against the flexible connector.

Systems with velocities in excess of 100 ft/sec will also require flow liners regardless of dust load to prevent the connector from “fluttering”.

The Flexible Duct Connector shall be designed to suit a specific application and, where required, submittal drawings will be provided, pending order, to ensure customer’s approval prior to fabrication.

Each Duct Connector shall be branded or marked with the model number, style, design pressure, temperature rating, type of elastomer and serial number on the cover of the connector in plain view.

The Duct Connector manufacturer will maintain a Registered Quality Assurance Program which meets the requirements of ISO 9001.

The Duct Connector shall be manufactured by Elasto-Valve Rubber Product Inc. located in Sudbury, Ontario, Canada.