

USask Master Specification Directions: The master specifications are intended to be incorporated into the Consultant's final, project specific specification package. The project specific specifications are expected to include any and all sections or portions of sections (Part 1, Part 2, Part 3) that are required to create a fully executable project specification. USask Master Specs only provide information that USask **requires** be a part of the final specification package. Components or sections not included in the Master USask Specifications may still be required for a complete, well-designed project. **It is the consultant's responsibility to ensure all specifications match USask requirements. Any deviations or revisions to any section included in the master specifications requires written consent from the USask Engineering department. The consultant is liable for any omissions, errors, or incorrect equipment or components supplied to site.**

The Master Specifications shall be used in conjunction with USask's Design Guidelines. Any conflicts shall be brought to the attention of USask Engineering staff for clarification.

Part 1 General

Part 2 Products

2.1 GENERAL

- .1 Factory fabricated to CAN/ULC-S110.
- .2 Pressure drop coefficients listed below are based on relative sheet metal duct pressure drop coefficient of 1.00.
- .3 Flame spread rating not to exceed 25. Smoke developed rating not to exceed 50.

2.2 METALLIC

- .1 Spiral wound flexible aluminum duct, three ply, triple lock. For low and high pressure ducting systems.
- .2 Performance:
 - .1 Factory tested to 2.5 kPa without leakage.
 - .2 Ducting to comply with NFPA 90A and carry ULC listing for Class 1 duct.
- .3 Acceptable product: Flexmaster Triple Lock T/L
 - .1 In instances where thermal or acoustic insulation is required, this product shall still be used in conjunction with manufacturer supplied and installed insulation products.

Part 3 Execution

3.1 EXAMINATION

3.2 DUCT INSTALLATION

- .1 Install in accordance with: SMACNA, NFPA 90A, and CAN/ULC-S110.

END OF SECTION