Flexmaster®

Submittal

Fume Vent™ Lab Smart Laboratory Exhaust System

Features factory expanded pipe and fitting ends with fusion welded pipe seams. Fully welded components provide an air and watertight system. Available in diameters from 4 inch through to 28 inch. Maximum lengths up to 4 feet.

Fume Vent™ Exhaust Ductwork Specifications

All round stainless steel fume exhaust ductwork shall be Flexmaster Fume Vent™ as manufactured by Flexmaster Canada Limited (905-731-9411).

The exhaust system shall consist of fusion welded pipe and fully welded fittings that are factory fitted with expanded self supporting ends meeting SMACNA's RT-6 Standard. All branch ducts to be factory built and installed as full body tees. All field joints to be hermetically welded to complete the system.
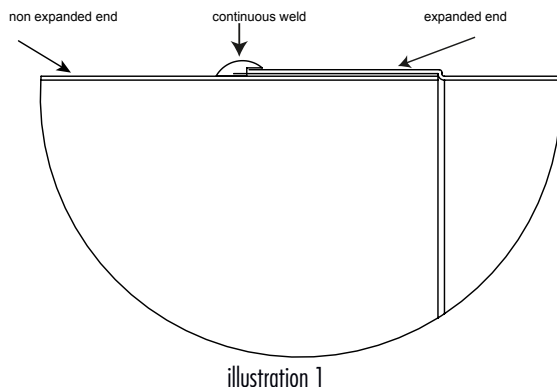
Material

Exhaust system shall be constructed from austenitic chromium nickel stainless steel type 304/316 in accordance with ASTM A-240.

Material Options

- ❑ 304 Stainless Steel
- ❑ 316 Stainless Steel
- ❑ 22 GA Stainless Steel
- ❑ 20 GA Stainless Steel

Typical Joint Construction

The pipe may be cut to length on the non-expanded end. Make certain to keep the cut end square and cylindrical. The cut end must be de-burred before assembly. All field joints circumferentially welded onsite per illustration 1.

non expanded end   continuous weld   expanded end

illustration 1

Project:_____ Location:_____

Contractor:_____ Date: _____/_____/_____ P.O. No. _____

Engineer:_____ Approved:_____

Comments: _____
_____

ver 02.2018