



OIL & AIR PIPE AND FITTINGS SOLUTIONS

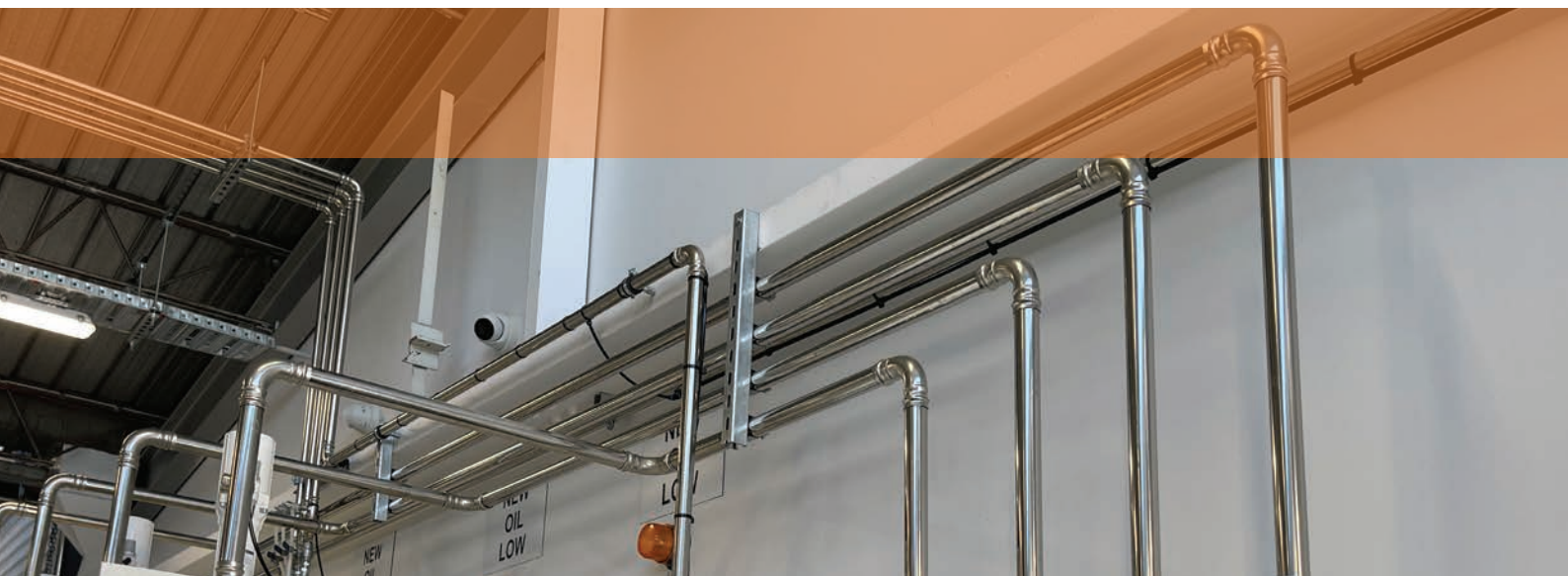


THE ALEMLUBE ADVANTAGE

Alemlube designs and installs product delivery piping systems in automotive, commercial vehicle and Defense Force workshops adopting specialised industry experience in applying 304L grade stainless steel pipe and fittings.

304L grade stainless steel, that is not intended for potable water, is preferred over 316 grade when the presence of Molybdenum is not required in the specific application.

The resulting aesthetic and cost benefits are significant.



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FEATURES

- Etched with material type
- Etched with fitting size & thread type
- Supplied standard with FKM O Rings
- 100% automated manufacturing process for superior tolerances achieving $\pm 0.2\text{mm}$
- ISO9001 accredited manufacturer

BENEFITS

- User friendly installation
- Quick and easy installation
- Less training required in comparison to typical mechanical fitting and piping methods
- No requirement for expensive Non-Destructive Testing
- Only a pressure test to suit the piping system design is required



AAP-101-42



AAP-101-35



AAP-103-35



AAP-103-22



AAP-104-42-28



UNISTRUT

- Manufactured to AS1594 and AS1365
- 2.5mm thick folded strip steel
- 40mm x 40mm x 5.8m lengths
- Two-piece clamp sizes in 22mm, 28mm, 35mm and 42mm
- Ideal for overhead hanging piping systems and wall mounted multi-pipe routing
- Great solution for purlin spanning mount points for hose reels and hose reel banks



BALL VALVES

- 304 grade stainless steel
- 2 piece valve for full port unrestricted flow
- Lockable for safe maintenance and compliance
- Rated to 1000 psi W.O.G (water, oil, gas)
- RPTFE seals
- ISO BSP thread
- Working temperature of -20°C to $+180^{\circ}\text{C}$
- Available in 1/2", 3/4" and 1" threads



TUBE & FITTINGS TESTING

- 48 hour leak test at 40bar pressure
- 100% pressure testing of all fittings

MANUFACTURER QA/QC CERTIFICATES

- Mill Test Certificate for Tube
- Mill Test Certificate for Fittings
- Product Quality Certificate for Tube
- Product Quality Certificate for Fittings

FITTING PRESSURE RATING

- 22mm = 40bar
- 28mm = 40bar
- 35mm = 32bar
- 42mm = 28bar

Pressure relief valve must be set and installed between system isolation valves.

(Refer to the diagram below)



AAP-106-35xRp1/4



AAP-108-22xRp1/2



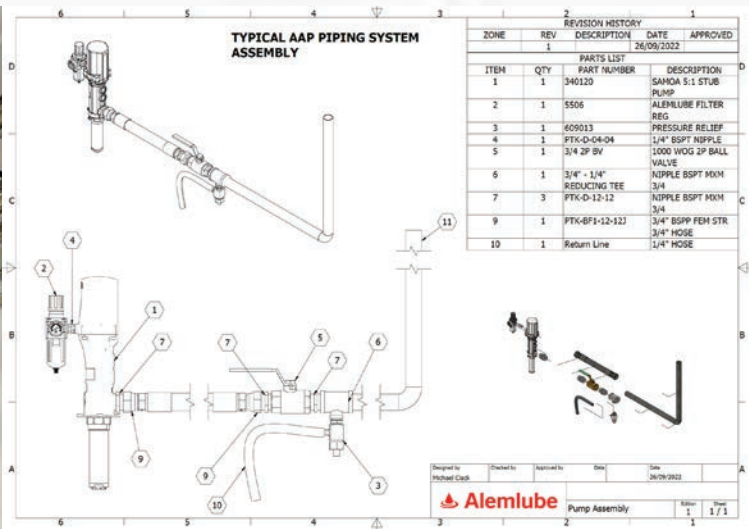
AAP-108-35xRp1/2



AAP-108-35xRp1



AAP-FT2812



RUBBER CLAMPS

- Sizes for 22mm, 28mm, 35mm, 42mm pipe
- Single screw / hinge style for easy installation
- Rubber surface to prevent corrosion
- Ideal for compressed air piping installation
- 10mm BSP thread





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Technical Information

MATERIAL TYPE

- 304L grade stainless steel fittings AS3688 compliant
- 304L grade welded tube compliant with ASTM A269/A269M

O RING TYPE

- FKM

MATERIAL FEATURES

- All fittings are 1.5mm in thickness
- Threaded fittings are BSPT
- Tubing material thickness ranges are 1.2mm for 22mm and 28mm, 1.5mm for sizes 35mm and 42mm

KC75410234

CHEMICAL DESCRIPTION	%	CAS NO.
Fluoro Carbon Elastomer	65.8	9011-17-0
Filler	23.03	013983-17-0
Pigment	3.61	1328-53-6
Processing Aids	1.64	8015-86-9
Activators	5.92	1305-62-0
	100.00	

OPERATING TEMPERATURE

- -10°C to +110°C

APPLICATIONS

- Oil, Diesel, Coolant, Solvents, Non-potable water