

# PROCHEM

DEFENCE PRODUCTS AND SERVICES

TUBE | PIPE | FITTINGS | FLANGES | ACTUATION | VALVES  
ENGINEERED SOLUTIONS



**Pyplok**™

**CPV**  
MANUFACTURING  
AMERICAN ENGINEERING TRUSTED WORLDWIDE

  
**Midway** Stainless Group

**PROCHEM**  
Stainless & Alloy

[www.prochem.com.au](http://www.prochem.com.au)

# Copper Nickel CuNi

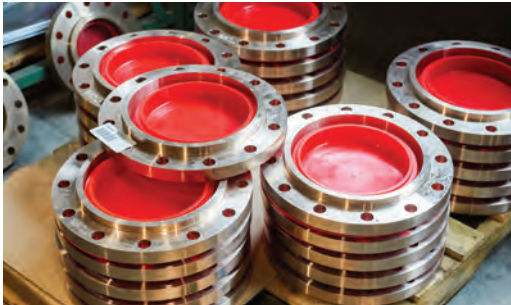
PIPE | TUBE | FLANGES | FITTINGS | VALVES



CuNi Tube



CuNi Pipe



CuNi Flanges



CuNi Fittings



CuNi Valves

**Prochem provides a global network of CuNi pipe, tube, valves, fittings & flanges.**

# Pyplok™

## Mechanically Attached Fitting

### PYPLOK® CONNECTION SYSTEM

***The system of choice for in service maintenance and new ship construction.***

PYPLOK® is a 360° Radial Swage Mechanically attached fitting which permanently connects pipe & tube. The cold connection is fast, reliable and tamper proof ideal for use in new build and maintenance works where fire hazards exist and a clean piping connection is required. A Hydraulic powered compression tool installs the fitting over pipe/tube plastically deforming the fitting in seconds.

**Sizes:**

DM 20 Series 1/4 inch through 3 inch NPS pipe.

DM 60 Series 1/4 inch through 2 inch OD pipe.

DM 80 Series 6 mm through 60 mm metric tube.





## Manufacturer of high quality valves and fittings for the Defence Industry.

CPV is known around the world for the O-SEAL System of high pressure valves and fittings, the Mark VIII system or tube size valves and fittings, FloMaster air operated shutoff valves, and the new G-Series stainless steel shutoff, needle and check

valves. CPV's state-of-the-art design, quality control, and attention to service are your assurance of valves and fittings that fit perfectly, function effectively, and provide years of trouble-free service.



## SAMYANG Metal



SAMYANG METAL, a company specializing in Cu and Cu-Ni alloys, has played a leading role in marine industrial development for the past 40 years by supplying quality nonferrous products at lowest possible prices.

We are sure that you will be quite satisfied with the excellent quality of our goods and services.

SAMYANG METAL is becoming a world's premier Cu and Cu-Ni alloy fitting and flange manufacturer by striving continual management innovation and technology development.

# Circle Seal Controls



**CIRCLE SEAL CONTROLS**

**Circle Seal Controls® is a manufacturer of reliable solutions in valves and controls for hydraulic, pneumatic, and cryogenic systems.**

Circle Seal offer the industry's widest choice of quality precision valves and controls for industrial and aerospace/military applications. Their products include check valves, relief valves, shutoff valves, solenoid valves, cryogenic valves, sampling and bleed valves, electro-mechanical valves, float, vacuum, and pilot operated valves; pressure regulators; tyre fill valve gauges; gauge savers; temperature compensating pressure regulation systems.



## CHECK VALVES

A wide selection of check valves for liquid and gas service.

- Connections from 1/8" to 2" in compression, female pipe, US and British threaded ends.
- Various body materials i.e. stainless steel, brass, carbon steel, aluminium
- Pressure ratings to 20,000 psig
- Zero leakage at low back pressure
- Various seat materials



## RELIEF VALVES

Inline and right angled adjustable pressure relief valves.

- Connections from 1/8" to 1-1/2" (sizes vary for different models)
- Stainless steel, brass, steel and aluminium
- Operating range 0-10,500 psig
- Zero leakage
- 0.5 to 10,500 psig cracking pressure
- Positive reseal



## Midway Stainless Group

### PIPE | FITTINGS | FLANGES | VALVES | TUBE

Midway Stainless Group has been a leading supplier of superior stainless & alloy steel piping products. A full range of pipe, fittings, flanges, valves and tube are available throughout our branch network in Australia.

### QUALITY MANAGEMENT

Quality is paramount in everything we do. From selecting raw materials and buying equipment, to employing the best people and testing products prior to release. As part of the Midway Stainless Group, Prochem is certified to supply AS/NZS/ISO 9001 Quality Management System, under Lloyd's Register of Quality Assurance. Our products are manufactured and conform to selected Australian and International standards including:

- Australian Standards: AS
- American Standards: ASTM
- British Standards: BS
- International Organisation for Standardisation: ISO



CERTIFIED QUALITY  
MANAGEMENT SYSTEM  
(Australia)



# PROCHEM

# Defence Partner of Choice

TUBE | PIPE | FITTINGS | FLANGES | VALVES | ACTUATION  
ENGINEERED SOLUTIONS

Prochem's global network and extensive inventory supports day-to-day maintenance, new build and retrofit projects via leading product manufacturers, available in DIN, JIS and ANSI sizes and Mil-Spec standards. We can service your needs anywhere in the world with exceptional customer service.

**Serving the Defence Industries for effective Military solutions.**



**Pyplok**™



  
**Midway Stainless Group**  
Enabling Sustainable Australian Industry

  
**CIRCLE SEAL CONTROLS**

**PROCHEM**  
Stainless & Alloy



**FOR FURTHER DETAILS PLEASE CONTACT YOUR LOCAL PROCHEM OFFICE**

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