



# TRIMAY®

4805 82 Avenue NW,  
Edmonton, AB, T6B 0E5

Phone: 780-451-2206

Fax: 780-451-2087

Email: Trimay@trimay.ca

## “When Wear Matters”

Your Most Effective Choice  
for Wear Protection



## Chrome Carbide & Tungsten Carbide Wear

Trimay® uses the Submerged Arc Welding (SAW) process to apply our own blend of alloys providing the best possible welded metallurgy.

At Trimay® we continue to improve on what we have already accomplished to provide you with the best plate available

### *Welding Electrode (SMAW) and Wires (FCAW):*

Trimay® offers an excellent line of hardsurfacing consumables that match the alloy of plate. Call our technical support line for specific information on sizes and setting parameters.

### *Product Selection*

**T156-** Similar in makeup to the T138, but with slightly elevated level of Chromium and Molybdenum. This product gives the best all around performance on a value for money basis, offering outstanding wear life and resistance to moderate impact. - **56 RC ASTM G65-0.15 Approx.**

**T157-** A higher level of Chromium and Manganese gives this plate the ability to handle extreme abrasion with ease. The low friction finish and high polish of the plate improves material flow and reduces holdback. Forming and welding are still easily accomplished. Currently our best performing Chrome Carbide plate - **58 RC ASTM G65-0.12 Approx.**

**T161-** This is the latest Complex Chrome Carbide in our product group. It is heat resistant Complex Chrome Carbide product for use in applications where operating conditions are extreme and may exceed 400°. Excellent resistance to heat scaling and corrosion resistance similar to 300 series stainless steels. This product can be used in place of Cobalt/Chromium/Tungsten alloys. It is still easily formed and can be rolled into inside or outside bends. - **62 RC ASTM G65-0.10 Approx**

**T168i-** is a revolutionary new material specifically designed to provide extreme wear and impact resistance. Having the ability to be heat-treatable, meaning it preserves excellent performance before and after standard quench and temper heat treatments.

**T170-** Utilizing Tungsten Carbides in a tough flexible matrix gives T170 unmatched abrasion, impact and corrosion resistance, while still leaving it completely formable.

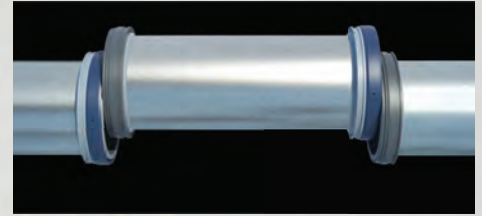
Technical Support: 1-800-782-5445

Website: [www.trimay.com](http://www.trimay.com)



# TRIMAY®

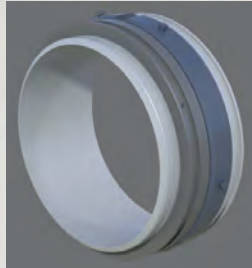
Distributor for:



## Benefits of the Oil States

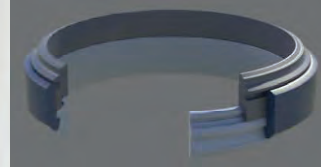
- Quick make-up
- 360° rotation
- Self alignment
- No onsite welding
- Tight tolerances
- Internal sealing
- No internal offset
- Pipe or casing compatible
- CSA & ASME design standards
- Horizontal or vertical applications
- Material options available
- High abrasion overlay available

## Horizontal Pipeline Connectors



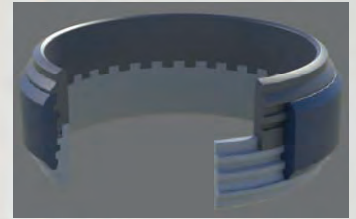
### VR Connector

The Oil States VR Connector for horizontal applications where vertical removal of the pipe is needed. Quick connect technology. Make-up in just minutes.



### SA Connector

The Oil States SA Connector is Self-Assembling for vertical applications such as casing and conductor lines.



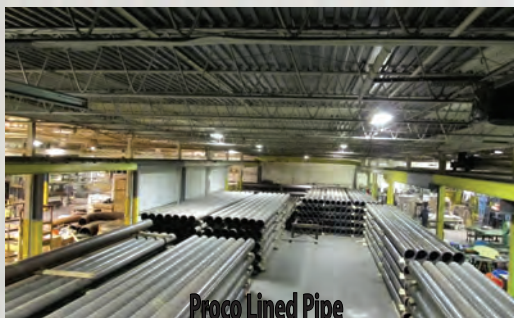
### HT Connector

The Oil States HT Connector is High-Torque for vertical applications where twisting is an issue. Commonly used in directional drilling.

## Custom Fabricated Rubber Parts • Rubber Lining • Rubber Molded Parts



Proco Lined Vessel



Proco Lined Pipe

### Rubber Lined Piping

Rubber lined steel pipe is an alternative to rubber hose for the straighter sections of a slurry system.

### Natural Rubber Lining (NR)

Natural Rubbers are compounded in three forms; soft, semi-hard, and hard. Soft natural rubbers have excellent physical properties, like tensile strength, abrasion resistance, and elongation. Soft natural rubbers have good resistance to most inorganic chemicals, with the exception of strong oxidizing agents to a temperature of 180°F. They are flexible and will expand and contract with thermal variations of the metal substrate.

### Neoprene/Chloroprene Rubber (CR)

Neoprene's have flame resistance, weather ability, ozone resistance and swelling resistance to mineral, vegetable and animal oils. In lining services with general chemical exposure, CR has heat resistance to 220°F with strong acids (sulphuric acid) and 200°F with strong bases (sodium hydroxide).

### Chlorobutyl Rubber (CIIR)

Chlorobutyl rubber exhibits a high level of heat aging resistance to 225°F. It has good resistance to broad array of general chemical solutions at 180-220°F. Because butyl rubber is non polar, it will swell upon contact with lubricating oils and fuels.

### Bromobutyl Rubber Linings

Bromobutyl is a derivative of the halobutyl family, which is structurally similar to chlorobutyl rubber and produced through the same halogenation process: By using the brominated process allows the same workability in the lining as a chlorobutyl. As well with the brominated process these linings have the key ingredient "Exxon Mobile 2255". The Exxon Mobile 2255 Bromobutyl polymer will exhibit stronger physical characteristics over other Bromobutyl polymer linings. The Proco Bromobutyls are both "pure" in polymer content, which means there is no other polymer in the formulation: The Exxon Mobile 2255 bromobutyl polymer is 55% of the formula.

### APPLICATIONS

- Mining Industry
- Cement Industry
- Chemical Industry
- Crushed Ground Ore
- Magnetic Separators
- Thickeners
- Filters
- Shaking Tables
- Stone & Gravel Industry
- Cyclone Floatation Cells
- Sand & Gravel
- Lime Slurry
- Sulfuric acid
- Steel Works
- Coal Industry
- Mills
- Waste Pond
- China Clay
- Cyclone
- Granular Gypsum in Phosphoric Acid
- Spiral Concentrators
- Crushed & Ground Rock
- Leached Uranium ore
- Salt (NaCl, KCl)
- Primary & Secondary Mills
- Flotation cells
- Calcium Fluoride (fluorspar)
- Classifiers & Mills