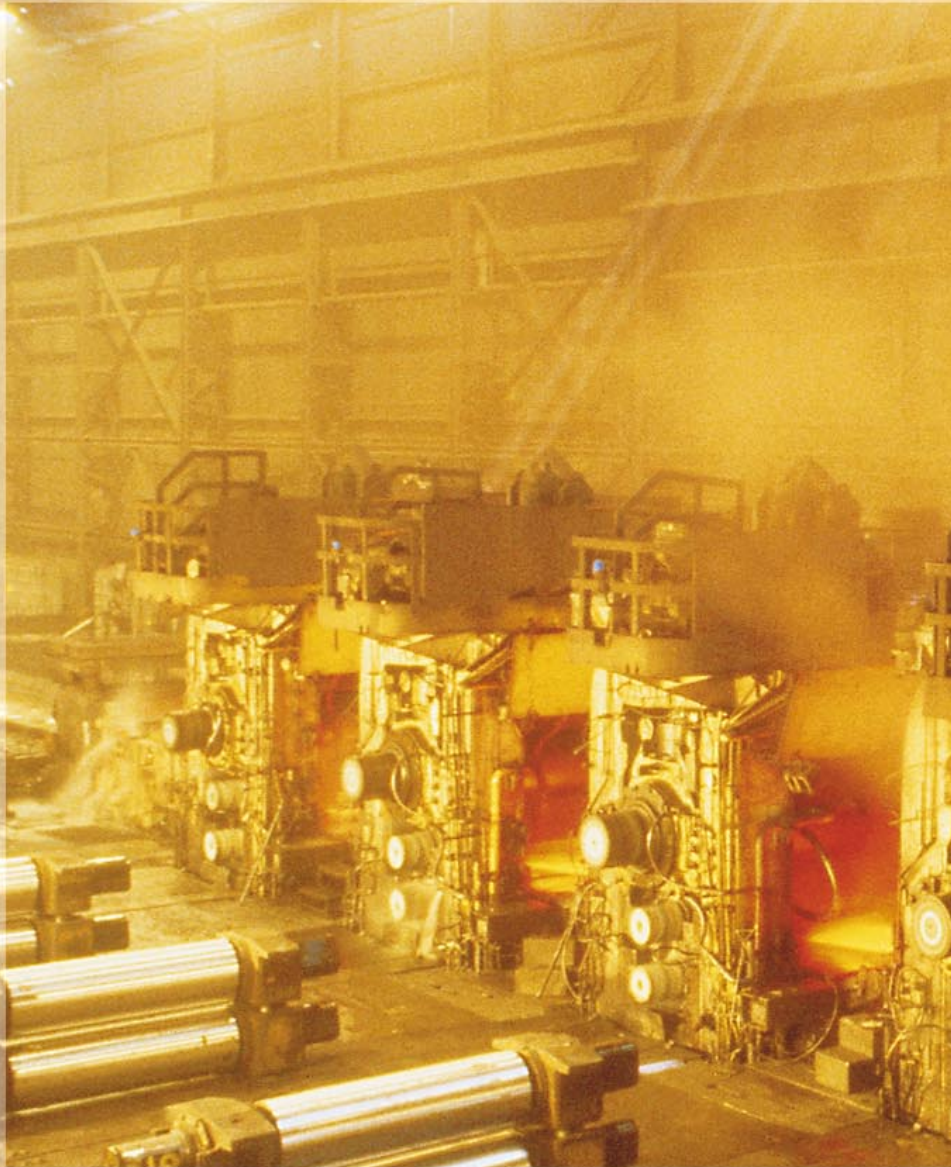


# PRIMARY SEALS FOR PRIMARY METALS

*Seal in your profits™*



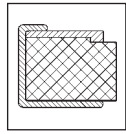
# Garlock

SEALING TECHNOLOGIES®

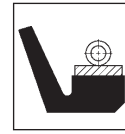
# KLOZURE® Oil Seals and Bearing Isolators



**Model 23**  
Split design reduces downtime. Molded-in finger spring.



**Model 58**  
High temperature barrier seal. Ideal for non-cooled caster applications.



**Model 143**  
Split face-type excluder for quick installation, prolonged primary seal and bearing life.



**Model 26**  
Positive rubber O.D. sealing. Reverse bevel lip eliminates lip rollover.



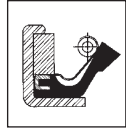
**Model 59**  
Heavy duty steel construction. Reverse bevel lip eliminates lip rollover.



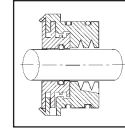
**Model 145**  
Face-type excluder for prolonged primary seal and bearing life.



**Model 53**  
General purpose metal O.D. seal.



**MODEL 64®**  
Highest speed and runout capabilities. Unequaled in the industry.



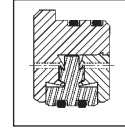
**ISO-GARD®** ISO  
Two-piece unitized non-contact bearing isolator. For all non-flooded oil or grease applications.



**Model 57**  
Increased bearing yield on casters. Available in single or dual lip designs.

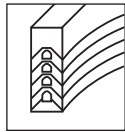


**Model 87**  
Elastomeric O.D. seal with positive spring retention.



**EQUALIZER™** EQ  
Three-piece unitized non-contact bearing isolator. For all non-flooded oil or grease applications.

## Hydraulic Seals



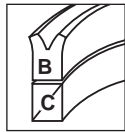
**CHEVRON® Packing** A  
Multiple sealing lips, hinged design. Wide range of materials.



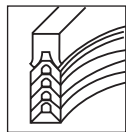
**LOCK-PACK™** D  
Non-adjustable plunger pump packing.



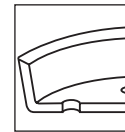
**Rod Scrapers** F  
Easy retrofit, eliminates costly contamination.



**GARTHANE® U-Seal & Roll Balance Sets** B C  
Unique design reduces side-loading and minimizes extrusion.

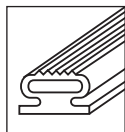


**PolyTop** E  
Engineered combination using CHEVRON® and U-Seal packing for ultimate performance.



**Piston Cups** G  
Simple design, single lip, automatic seal.

## CEFIL'AIR® Pneumatic



**CEFIL'AIR®** H  
Seals made in straight or endless lengths, SBR and silicone; other elastomers also available. Can be inflated with air, neutral gas or water.

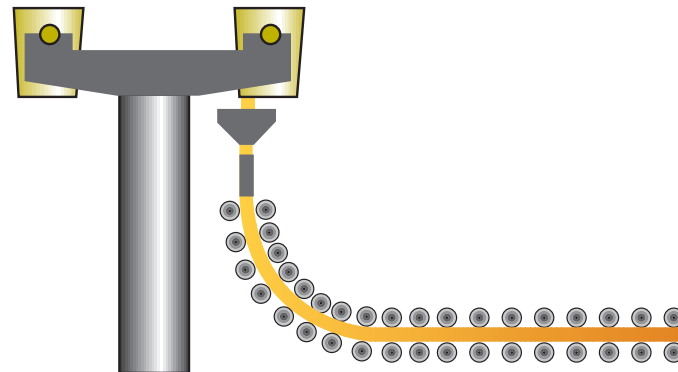
## Other Equipment

|                     |            | ELASTOMERS  |          |      |        |           |
|---------------------|------------|-------------|----------|------|--------|-----------|
|                     |            | MILL-RIGHT® | SILICONE | PTFE | VITON® | HIGH TEMP |
| Furnace Table Rolls | Model 58   |             |          |      |        | •         |
| Run Out Table Rolls | Model 26   | •           |          |      | •      |           |
| Gearboxes           | Model 26   | •           |          |      |        |           |
| Motors              | ISO-GARD®  |             |          | •    |        |           |
| Pumps               | ISO-GARD®  |             |          | •    |        |           |
| Drive Systems       | Model 26   | •           |          |      |        |           |
| Vacuum Degasser     | CEFIL'AIR® |             | •        |      |        |           |

## Material Recommendations

A wide variety of elastomers are available:

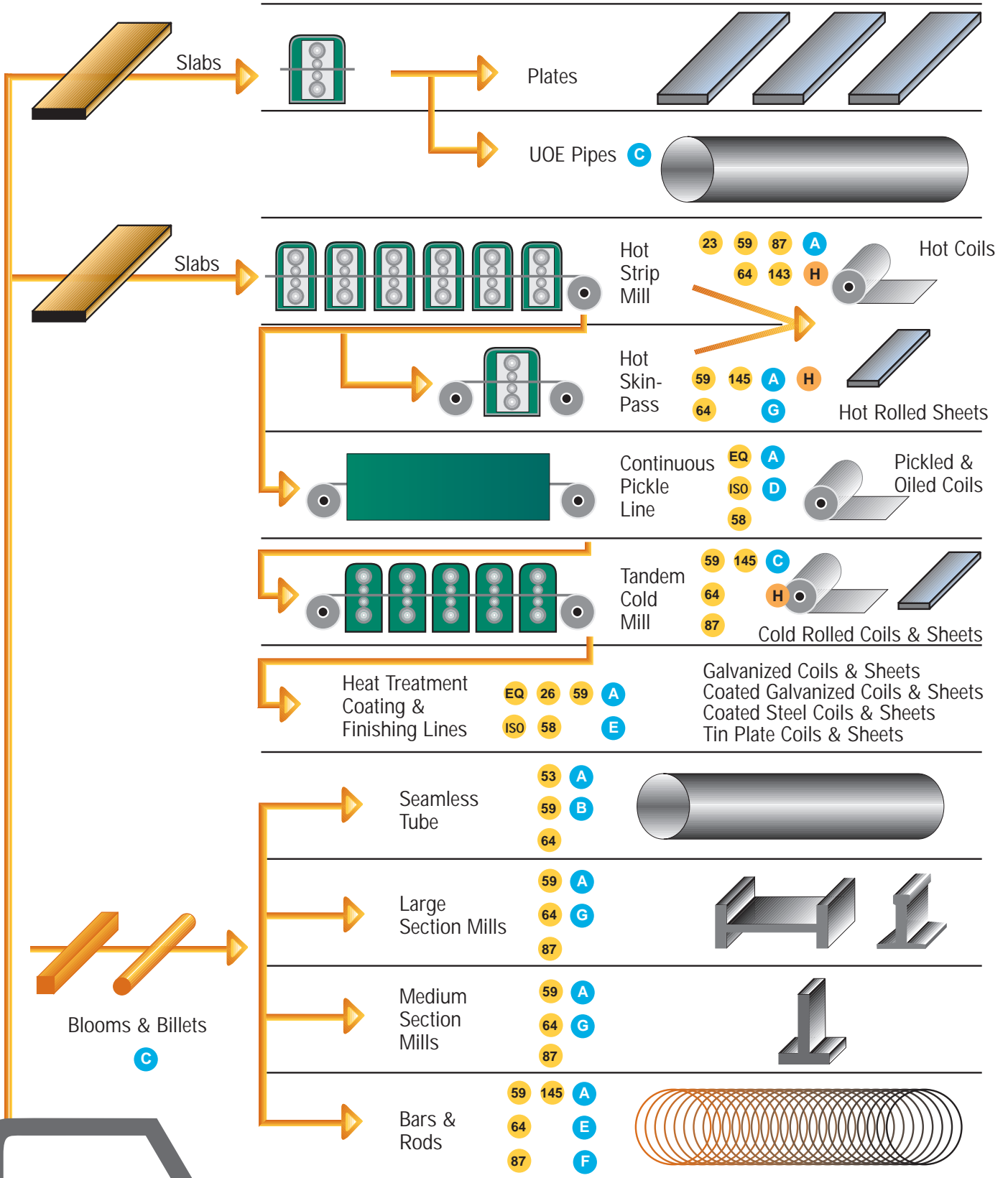
|             | Usage                                  |
|-------------|--|
| Nitrile     | General purpose                        |
| MILL-RIGHT® | Excellent heat and abrasion resistance |
| Silicone    | Wide temperature range                 |
| PTFE        | Superior chemical resistance           |
| VITON®      | Excellent heat and chemical resistance |
| HIGH TEMP   | Ultra high-temp to 1600°F              |



57 58 B Continuous Caster

VITON is a registered trademark of DuPont Dow Elastomers.  
ISO-GARD, CHEVRON, GARTHANE, MILL-RIGHT, MODEL 64 and CEFIL'AIR are registered trademarks of Garlock Inc.  
EQUALIZER and LOCK-PACK are trademarks of Garlock Inc.

# Steel Process



**WARNING:**

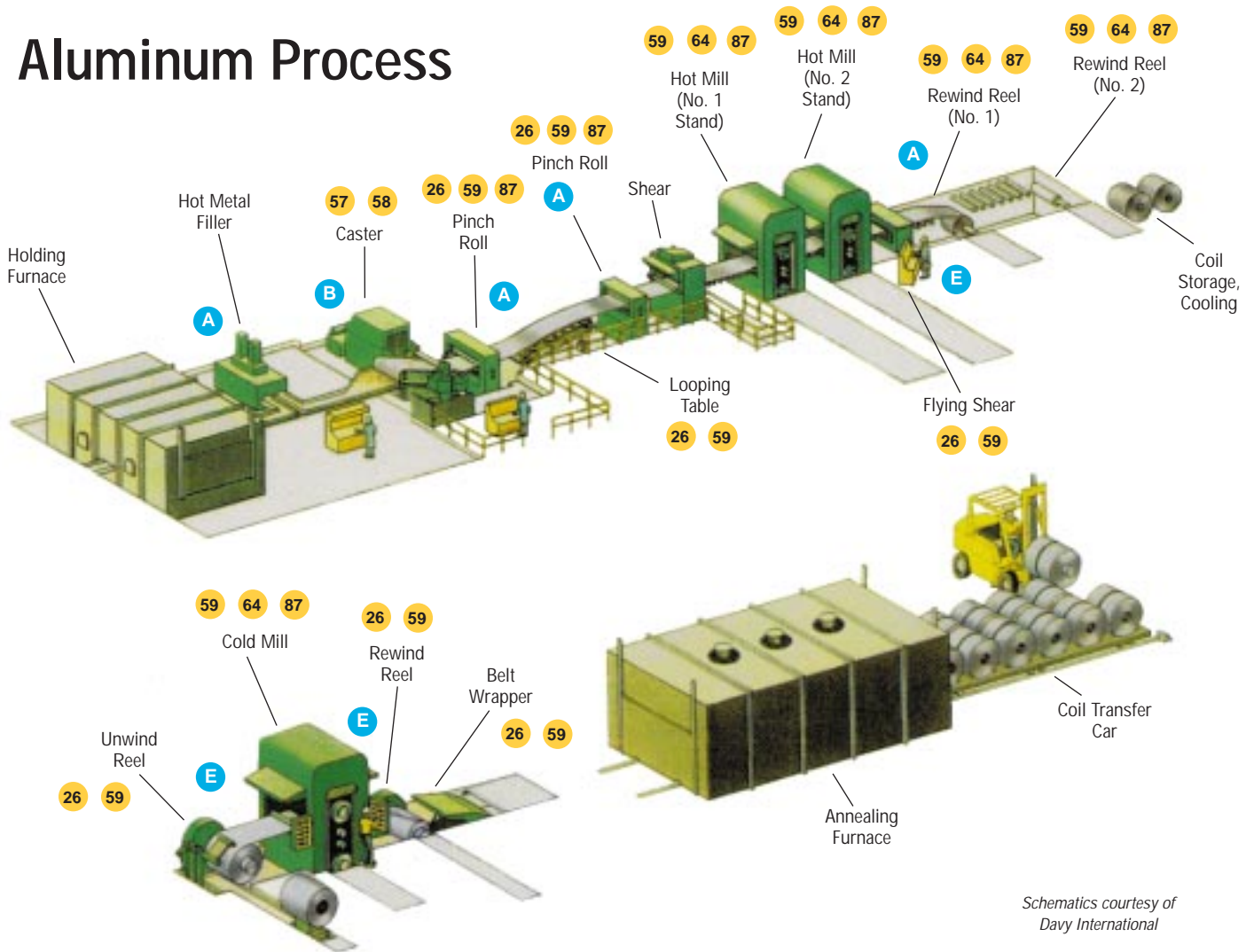
Properties/applications shown throughout this brochure are typical. Your specific application should not be under taken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice.

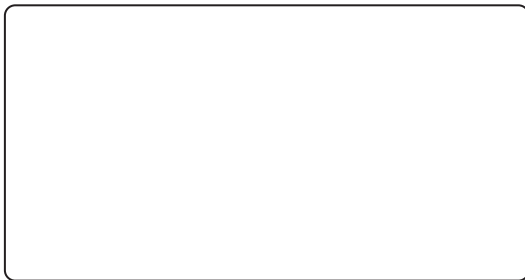
Reheating Furnace

# Aluminum Process



Schematics courtesy of Davy International

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# Garlock

Sealing Technologies®