



# PLYMOUTH PROMOLY® 4130 AVAILABLE AT STOCK CAR STEEL & ALUMINUM

Specifying **ProMoly®** is a Seamless Decision



The preferred chassis and component tube for 50+ years, **Cold Drawn Seamless ProMoly® 4130 Tubing** is produced by Plymouth Tube in Streator, IL. When specifying **ProMoly®** for your 4130 Steel tubing needs, you can rest assured you are getting a high quality, American drawn product.

### PROMOLY® SEAMLESS TUBING SIZE RANGE

**OD:** .125" – 2.00"

**OD Tolerance:** +/-0.005" (up to 1.500" OD) to +/-0.010" (above 1.500" OD)

**Wall Range:** 0.028" to 0.188"

**Wall Tolerance:** +/- 10% (ID's Over 0.500") to +/- 15% (ID's under 0.500")

**Specifications:** AMS-T-6736A, AMS-6731, AMS-6360, MIL-T-6736B

**Quality Assurance Certification:** ISO/TS 16949:2012

### PROMOLY® EXCEEDS THE STANDARDS

	AMS 6360	ProMoly®	Docol® R8
Min. Yield Strength (psi)	75,000	95,000	100,000
Min. Tensile Strength (psi)	95,000	105,000	116,000
Min. Elongation in 2" (%)	10 -12%	15%	13%
Tube Type	Seamless	Seamless	Welded

*Docol® is a registered mark of SSAB Technology AB.*

### NOW AVAILABLE AT



### PROMOLY® vs DOCOL® R8

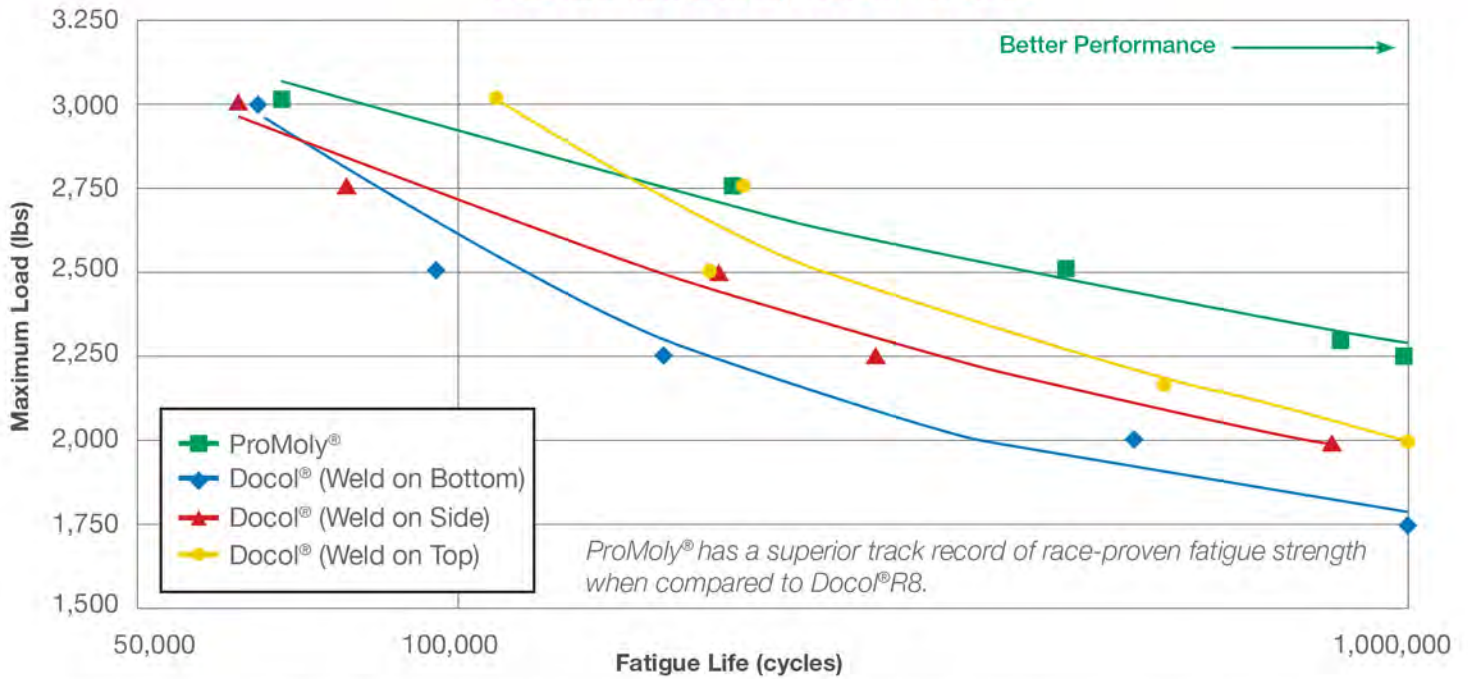
	ProMoly® Benefit
ProMoly® is a seamless tube	Inherent toughness
ProMoly® has tighter tolerances from being cold drawn	Predictable fabrication
ProMoly® does not have a weld seam	Repeatable weldability; no worries about weld seam orientation
ProMoly® has higher elongation values	Race-proven fatigue strength
ProMoly® has strong welded joint strength levels	ProMoly® is 6-10% better than Docol®
ProMoly® is produced in the U.S.A. at Streator, IL	50+ year track record of American manufacturing and technical support





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LOAD LIFE DATA CURVES, PROMOLY® vs DOCOL®



\* Data Source: Westmoreland Mechanical Testing & Research, Inc., 2/2014. Any testing reaching 1,000,000 cycles was discontinued.



## Stock Car Steel & Aluminum Inc.

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 Mooresville, NC 28025  
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 Fax: 1-704-664-2647  
[www.stockcarsteel.com](http://www.stockcarsteel.com)



"I love ProMoly® for its consistency in bending, its weldability and its look & finish. The fact that ProMoly® is made in the U.S. means a lot to QRC Karts."

Robert Carrel, Owner  
 QRC Karts



"You can't find anything better than ProMoly®."

Glen Bourne, Owner  
 ART Enterprises



"We use Plymouth Tube's ProMoly® because of its superior quality and excellent service."

Don Van, Engineer  
 VR3 Engineering



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### BENEFITS:

- Race-Proven Fatigue Strength
- Inherent Toughness (no weld seam)
- Predictable Fabrication
- Repeatable Weldability

### HIGH PERFORMANCE RACING SERIES SERVED INCLUDE:

- Sprint Car
- Rally Car
- Midget
- Buggy
- Tractor Pull
- Formula
- Race Car
- Funny Car
- Dragster
- Stock Car
- Kart
- Pro-Crate
- Late Model

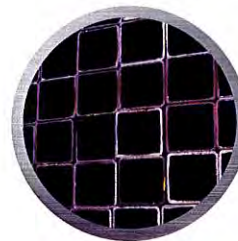
### PROMOLY® SEAMLESS TUBING SIZE RANGE

**OD:** .125" – 2.250"  
**OD Tolerance:** +/- .005" (up to 1.500" OD) to +/- .010" (above 1.500" OD)  
**Wall Range:** .02" – .250"  
**Wall Tolerance:** +/- 10% (ID's over .500") to +/- 15% (ID's under .500")  
**Specifications:** AMS-T-6736A, AMS-6731, AMS-6360, MIL-T-6736B  
**Quality Assurance Certification:** ISO/TS 16949:2012

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4130 ProMoly® Seamless Tubing is also available in squares and rectangles.



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Purchase Promoly™ from Stock Car Steel & Aluminum, Inc.

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