





# PRODUCT DATA SHEET

## ROPS Structural Tubing

### Leavitt Tube Company ROPS Structural Tubing . . . Specifications

CHEMICAL COMPOSITION	
Carbon, percent	0.22 max.
Manganese, percent	1.50 max.
Phosphorous, percent	0.025 max.
Sulphur, percent	0.025 max.

Additional alloying elements, including silicon, columbium, vanadium, nitrogen, or others may be added at the option of the manufacturer in order to meet the specified physical properties.

MECHANICAL PROPERTIES	
Yield strength, min., psi.	50,000
Tensile strength, min., psi.	70,000
Elongation in 2 , min., Percent	20

IMPACT PROPERTIES (In Accordance with ASTM A370)		
Specimen Size	Test Temp. <sup>o</sup> F	FT. - Lbs.
10mm x 5mm	-20	13 min.
10mm x 2.5mm	-20	8 min.

PERMISSIBLE VARIATIONS IN DIMENSIONS OF ROUND TUBING <sup>1</sup>			
Size O.D.	Outside Diameter	Wall Thickness	Straightness
All O.D.'s	+0.5% rounded to the nearest 0.005"	±10%	1/8 times the number of feet of total length divided by 5

PERMISSIBLE VARIATIONS IN DIMENSIONS OF SQUARE & RECTANGULAR TUBING <sup>1</sup>			
Largest Outside Dimensions Across Plats	Outside Diameter	Wall Thickness	Straightness
2 1/2 incl. & under	0.020	±10%	1/8 times the number of feet of total length divided by 5
Over 2 1/2 to 3 1/2 incl.	0.025"	±10%	
Over 3 1/2 to 5 3/4 incl.	0.030"	±10%	
Over 5 1/2	1%	±10%	

<sup>1</sup>Conforms to ASTM A500

#### Certification

Certification that the material has been produced in accordance with all applicable specifications can be stipulated on the purchase order.



The Tube People

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