

Cold Rolled Hardness DRUMSTOCK® Steel

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Revision 1, July 2008
This literature supersedes all previous issues.

GENERAL DESCRIPTION
DRUMSTOCK® - cold rolled skin-passed steel produced specifically for the container market.

TYPICAL USES
Drum and pail bodies and ends.

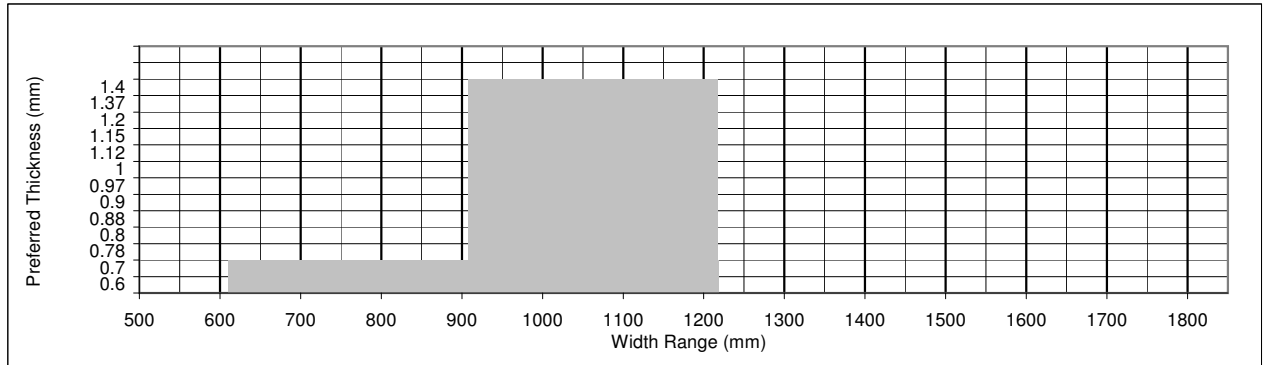
APPLICABLE STANDARDS
BluesScope Steel 2008
AS/NZS 1365:1996

GUARANTEED PROPERTIES OF STEEL BASE

MECHANICAL PROPERTIES	GUARANTEED
Transverse Tensile	
Yield Point, MPa All	180 min
Tensile Strength, MPa	-
Elongation 80mm, %	
>0.60 mm	32 min
0.60 mm	31 min
Hardness, HRB	-
HR30T	-
180° transverse bend (L axis)	0t
Uniform Elongation %	-
Plastic Strain Ratio	
r0	-
r90	-
r45	-
r bar	-

CHEMICAL PROPERTIES	GUARANTEED %	TYPICAL %
	Maximum	
Carbon - C	0.08	0.04-0.07
Phosphorus - P	0.030	<0.02
Manganese - Mn	0.50	0.18-0.25
Silicon - Si	-	<0.02
Sulphur - S	-	<0.02
Aluminium - Al	-	0.025-0.07
Titanium - Ti	-	-
Nitrogen - N	-	-
Niobium - Nb	-	-

DIMENSIONAL CAPABILITIES



Note: Where maximum widths are less than 1200mm, any width between half maximum and 610mm is available by negotiation only. Availability applies only to product supplied direct from Western Port and may change if supplied from BlueScope Steel Service Centres. Slitting and shearing available on request from BlueScope Steel Sales Offices.

These dimensions are a reflection of technical capability to produce. Supply conditions may be subject to dimensional restrictions and is subject to BlueScope Steel Sales and Marketing confirmation.

NORMAL/OPTIONAL SUPPLY CONDITIONS

	Normal	Optional#
Surface Finish	Matt	-
Edge Condition	Trimmed Edge	Mill Edge
Tolerance Class		
Thickness	AT	BT
Width	AW	BW
Flatness	AF	BF
Oiling	Not oiled	-
Branding	Not Branded	-

FABRICATING PERFORMANCE

Method	Rating
Bending	5
Drawing	2
Pressing	2
Roll Forming	5
Painting (Pre-treatment)	5
Welding	5

Optional supply conditions may be subject to dimensional restrictions

Where: 1 = Limited to 5 = Excellent or NR = Not Recommended

Note: It is recommended that customers use product promptly to avoid the possibility of rusting during storage. Oiling improves corrosion resistance but oiled product should be used within three months.



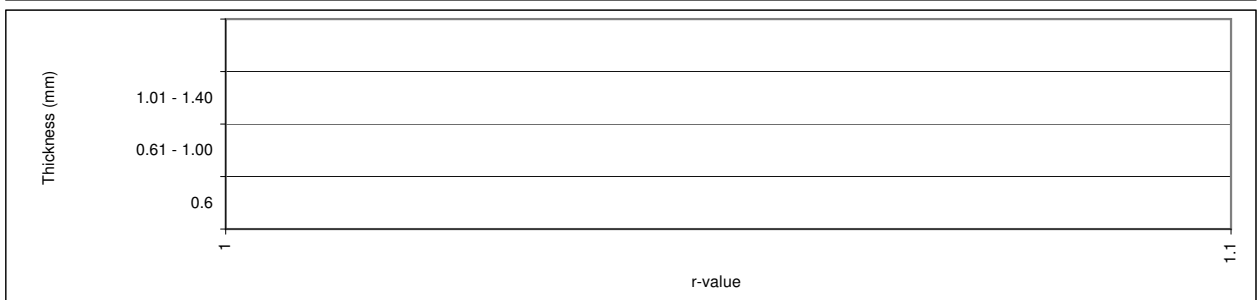
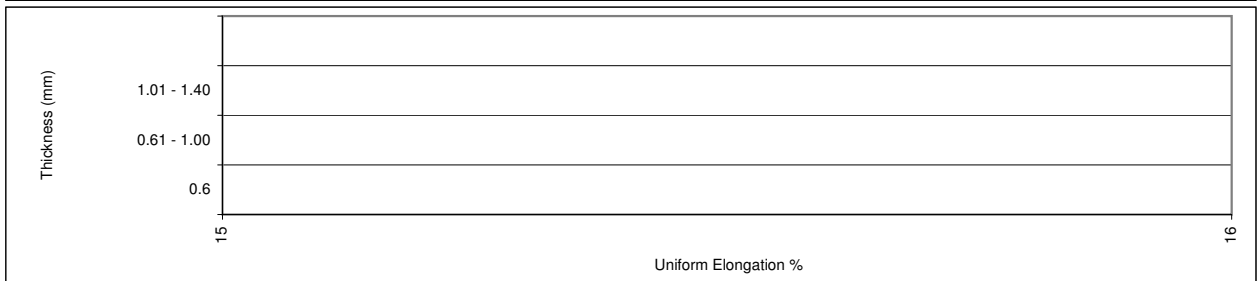
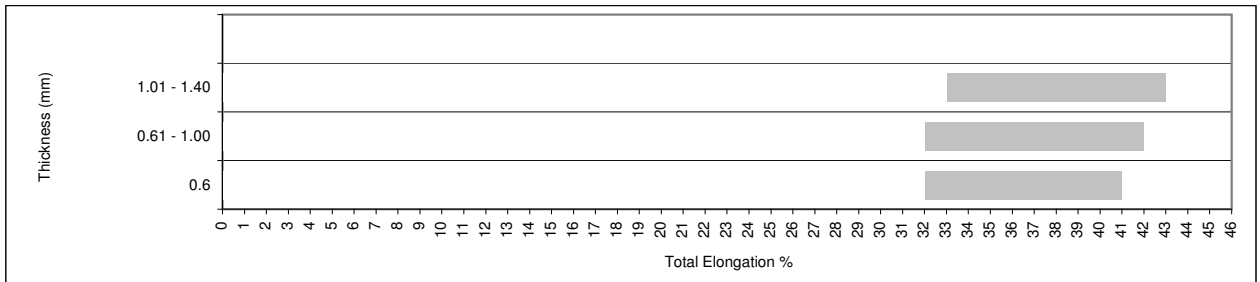
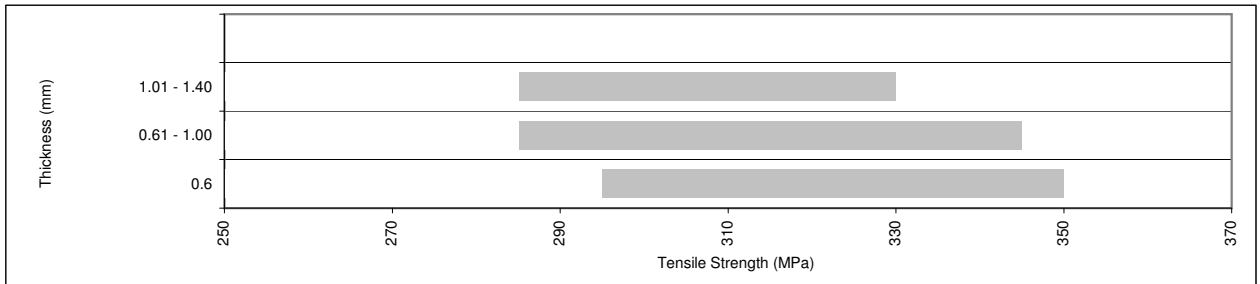
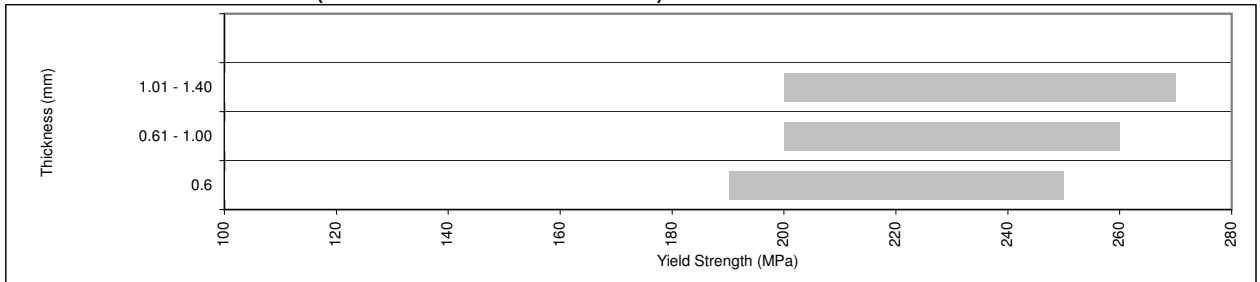
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TYPICAL PROPERTY RANGES (FOR NORMAL SUPPLY PRODUCT)



Note: Typical mechanical properties are based on aggregation of mean and 2 SD performance. Transverse Tensile on 80mm gauge length tensile test piece in accordance with AS/NZS 1391:2005

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Please ensure you have the current datasheet for this product as displayed at www.bluescopesteel.com

BlueScope Steel Limited

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