

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16280M10075	16284M10010	65.0	35.0	2.5	Any	AS1163: 2016	C350L0	Painted 65x35x2.5

Heat No.	Steel Supplier	Testing Authority/NATA (ILAC) No			Steel Chemical Analysis																Mechanical Test Results (Orientation-"L")										
					Analysis Type "L"/"P"	Testing Report No	C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al	Ti	Nb	V	B	CE	SiE	Testing Report No-Sample ID	Condition	Tensile Test			Impact Test at 0°C			
		(% x 100)																YS	TS	E	1	2			3	Avg					
		Tensile	Impact	Chemical			MPa	%	Joules																						
9S443	Import	MTL/19968		L2734-130513	L	MANUAL	17	1	75	1	1	1	1	0	1	5.4	0.1	0.1	0.2	0	30	4	T3350-7222	A	440	538	33				
9S451	Import	MTL/19968		L2734-130513	P	MANUAL	17	2.4	77	1	0.7	1	1	0	1	3.1	0.1	0.2	0.4	0	31	7	T3350-7223	A	433	535	35				
9S452	Import	MTL/19968		L2734-130513	P	MANUAL	17	1.6	77	1	0.5	1	1	0	1	3.8	0.1	0.2	0.2	0	31	5	T3350-7221	A	484	569	28				

- Notes:**
- 1) CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15;
 - 2) SiE=Si+2.5P;
 - 3) Gauge Length for E= 5.65VSo;
 - 4) Impact test piece thickness is 5 mm;
 - 5) For t less than 6 mm L0 properties derived as per CI 9.4.2.3 (b) of AS/NZS 1163;
 - 6) "L" = LADLE, "P" = PRODUCT
 - 7) ALS=Australian Laboratory Services Industrial; MTL = Mec Test Laboratories; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
 - 8) The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;
 - 9) THE STEEL IS MADE BY BASIC OXYGEN OR AN ELECTRIC ARC PROCESS AND IS FULLY KILLED, CONTINUOUSLY CAST AND FINE GRAINED. THE STRIP WAS HOT ROLLED AT THE HOT STRIP MILL.



Product Test Certificate

161391

Certificate Number

25/10/2016

Date

Packs covered by this certificate

Heat	Pack Numbers
9S452	16280M10075 16280M10076
9S443	16280M10076 16280M10077 16284M10003 16284M10006 16284M10007 16284M10008 16284M10009 16284M10010
9S443	16280M10076 16280M10077 16284M10003 16284M10006 16284M10007 16284M10008 16284M10009 16284M10010
9S451	16284M10003 16284M10004 16284M10005
9S664	16284M10005 16284M10006

Australian Pipe and Tube confirms that products listed above were manufactured, tested, and supplied in full compliance with the specifications quoted in this certificate.

**Authorized signatory: L. DONALD
CEO**