



Certificate No: JRC12N0280

This is to certify that the nominated size and quality of the following AMG product has been manufactured, inspected and tested to conform to AS/NZS 4344 with the following results.

TEST CERTIFICATE

Customer Supplied To: HES NZ Ltd
56 Pavillian Drive
Airport Oaks Auckland 2022

Batch Number/ Customer Order RUD120305HESNZ / Order # 63

Date: 5/7/2012

Description	QTY PCS	TOTAL METRES	SIZE				TENSILE TEST				CHEMICAL COMPOSITION								
			D mm	L mm	B mm	b mm	Break (KN)	PROOF LOAD (KN)	WLL (kg)	ELONGATION %	C	Si	Mn	P	S	Cr	Ni	MO	
PO#RUD-120305HESNZ																			
G80 ALLOY CHAIN BLACK XOIDE EN818-2 130m 1 PC																			
6mm*330m	1	330m	6.0	18.0		8.9	46.5	28.0	1120	20		0.20	0.24	1.17	0.01	0.01	0.42	0.41	
7mm*250m	1	250m	7.0	21.0		10.3	64.0	38.0	1600	20		0.20	0.24	1.17	0.01	0.01	0.42	0.41	
8mm*200m	1	200m	8.0	24.0		11.7	83.5	50.0	2000	20		0.20	0.24	1.17	0.01	0.01	0.42	0.41	
10mm	2	260m	10.0	30.0		14.6	129.5	79.0	3150	20		0.20	0.24	1.17	0.01	0.01	0.42	0.41	
13mm*75m	2	150m	13.0	39.0		18.9	216.0	133.0	5300	20		0.20	0.24	1.17	0.01	0.01	0.42	0.41	
CHAIN REGULAR HDG.																			
3mm*100m	4	400m	3.2	16.5	12.0		2.5	1.2	60			0.16			0.02	0.02			
4mm*100m	4	400m	4.0	20.1	15.8		4.5	2.2	110			0.16			0.02	0.02			
5mm*100m	8	800m	5.0	22.4	19.4		8.2	3.8	190			0.16			0.02	0.02			
6mm*60m	12	720m	6.3	26.3	23.5		15.0	6.4	320			0.16			0.02	0.02			
8mm*35m	12	420m	8.0	32.4	29.3		23.0	10.6	530			0.16			0.02	0.02			
10mm*20m	8	160m	10.0	39.8	36.5		35.0	16.6	830			0.16			0.02	0.02			
CHAIN LONG LINK HDG.																			
3mm*100m	4	400m	3.5	24.0	12.4		3.6	1.2	60			0.16			0.02	0.02			
4mm*100m	4	400m	4.0	26.1	16.0		4.5	2.2	110			0.16			0.02	0.02			
5mm*100m	6	600m	5.0	29.3	21.7		8.2	3.8	190			0.16			0.02	0.02			
6mm*60m	8	480m	6.3	34.5	25.3		14.4	6.4	320			0.16			0.02	0.02			
CHAIN G70 GOLD loom 1 PC																			
6mm	4	400m	6.0	18.5		8.6	46.6	23.0	1150	20		0.20			0.01	0.01			
7.3mm	4	400m	7.3	24.0		10.7	60.5	30.0	1500	20		0.20			0.01	0.01			
8mm	4	400m	8.0	24.0		11.5	76.0	38.0	1900	20		0.20			0.01	0.01			
10mm	4	400m	10.0	30.4		14.6	126.0	60.0	3000	20		0.20			0.01	0.01			
AMG / RG80A / 4344-2.3 / 4344-3.0 / 4344-3.8 / 4344-6.0																			

Authorised Signatory

Manufactured, Inspected and Tested for and on behalf of:
Allan Marketing Group
42 Clements Avenue
Bundoora Victoria 3083 Australia