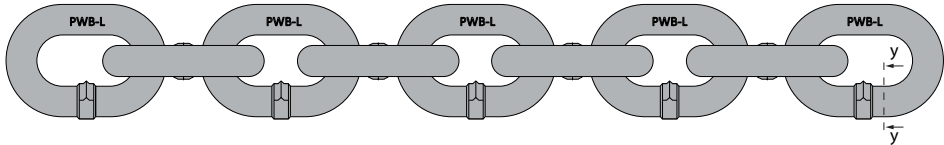


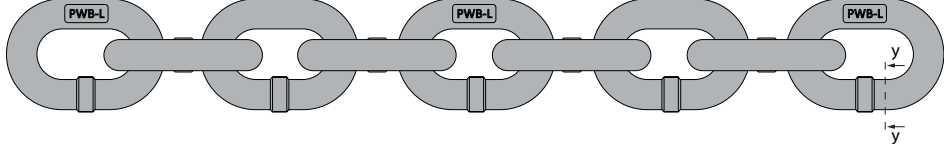
# PWB Anchor **Chain identification**

## ► Grade L Chain - Chain identification (6.00mm - 22.00mm)



Use of the following charts is recommended to ensure that you only receive genuine PWB Anchor Chains.



Marking A: Grade-L Chain - identification mark showing “stamped” PWB (Brand Mark) - L (Grade)



Marking B: Grade-L Chain - identification mark showing “Embossed” PWB (Brand Mark) - L (Grade)

Chain Size (mm)	Markings	Stamp/ Emboss	Markings Interval	Letter Height (mm)	Weld Type	Identification Marking
6.0	PWB-L	Stamp	Every Link	1.6	Flash Cut	 <p>Marking A: Brand Mark - Grade</p>
8.0	PWB-L	Stamp	Every Link	2.0	Flash Cut	
10.0	PWB-L	Stamp	Every Link	2.4	Flash Cut	
13.0	PWB-L	Emboss	6	3.3	Smooth	 <p>Marking B: Brand Mark - Grade</p>
16.0	PWB-L	Emboss	4	4.0	Modified (trim)	
20.0	PWB-L	Emboss	4	4.0	Modified (trim)	
22.0	PWB-L	Emboss	4	4.0	Modified (trim)	

## ► PWB® Grade L Chain

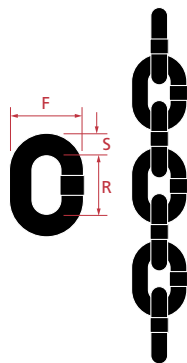
Used by respected boat builders across the country, Grade L Chains are manufactured in Australia from Australian steel. PWB® Grade L Chain is the highest quality lower tensile steel available for lifting purposes.

Test certificate supplied.

The WLL (working load limit) states Grade L Chain is rated for general conditions of use to group classification of crane mechanisms of M3 as specified in AS1418.1, and in accordance with AS2321 for industrial lifting applications.

For other than general conditions of use the WLL shall be adjusted to conform to the group classification of crane mechanisms as specified in AS1418.1 for the conditions of use that apply.

**Applications:** Fathom chain and mooring  
**Australian Standard:** AS 2321



Chain Size (mm)	Design 5:1 (Lifting) WLL (tonnes)	Design Factor 4:1 (Mooring) MWL (tonnes)	S (mm)	R (mm)	F (mm)	Self-Colour Part No.	Metres/100kg	Galvanised Part No.	Metres/100kg	Link Marking
6	0.40	0.50	6.3	18.8	21.6	40073	116.0	40074	110.0	PWB-L
8	0.64	0.80	8.0	23.8	27.0	40075	71.4	40076	67.8	PWB-L
10	1.00	1.26	10.0	29.8	34.3	40077	45.4	40078	43.2	PWB-L
13	1.70	2.10	12.7	38.0	43.0	40079	29.6	40080	27.8	PWB-L
16	2.58	3.20	16.0	47.8	54.9	40081	17.8	40082	17.5	PWB-L
20	4.03	5.00	20.0	59.2	68.5	40083	11.3	40084	11.1	PWB-L
22	5.06	6.30	22.0	64.9	77.0	40085	9.5	40086	9.2	PWB-L

## ► PWB® Grade L Marine Chain

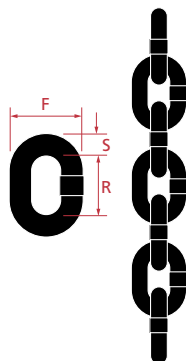
Selected PWB® Grade L Chains are also available in special cut lengths.

Test certificate supplied.

The WLL (working load limit) states Grade L Chain is rated for general conditions of use to group classification of crane mechanisms of M3 as specified in AS1418.1, and in accordance with AS2321 for industrial lifting applications.

For other than general conditions of use the WLL shall be adjusted to conform to the group classification of crane mechanisms as specified in AS1418.1 for the conditions of use that apply.

**Applications:** Fathom chain and mooring  
**Australian Standard:** AS 2321



Chain Size (mm)	S (mm)	R (mm)	F (mm)	Cut Length (metres)	Galvanised Part No.
8	8.0	23.8	27.0	6 x 55	68233
8	8.0	23.8	27.0	5 x 70	68244
10	10.0	29.8	34.3	3 x 70	68156
10	10.0	29.8	34.3	2 x 100	68201
10	10.0	29.8	34.3	3 x 60	68295
10	10.0	29.8	34.3	2 x 80	68296
13	12.7	38.0	43.0	1 x 100	68202

## ➤ PWB® Fathom Chains

Manufactured from Grade L Chain with additional end link fittings, PWB Anchor Fathom Chains are supplied in a hot dip galvanised finish for added durability. The maximum working load stated is based on a Design Factor of 4:1.

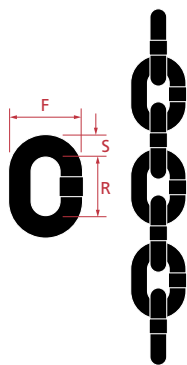
Fathom Chains are NOT certified for industrial lifting.

Test certificate supplied.

The WLL (working load limit) states Grade L Chain is rated for general conditions of use to group classification of crane mechanisms of M3 as specified in AS1418.1, and in accordance with AS2321 for industrial lifting applications.

For other than general conditions of use the WLL shall be adjusted to conform to the group classification of crane mechanisms as specified in AS1418.1 for the conditions of use that apply.

**Applications:** Fishing or leisure craft



Chain Size (mm)	MWL (tonnes)	S (mm)	R (mm)	F (mm)	60 Fathom (109 metres) Part No.	75 Fathom (137 metres) Part No.	90 Fathom (164 metres) Part No.
		End Links					
10	1.26	12.0	51.7	45.0	40785	40786	40787
13	2.10	16.0	59.0	57.3	40793	40794	40795
16	3.20	20.0	73.0	71.10	40801	40802	40803
20	5.00	24.0	87.0	84.8	40809	40810	40811
22	6.30	29.0	112.0	110.0	40817	40818	40819

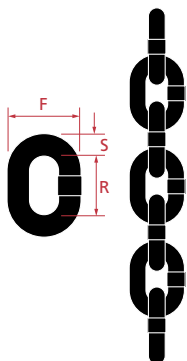
## ➤ PWB® Grade L - ArmorGalv®

Applied to Grade L chain this new coating is passivated in a controlled process to form a deep impervious layer of zinc carbonates on the surface and then dip sealed for further protection. In an aggressive environment, even after the sealer is consumed, the impervious layer which is twice as hard as steel is very difficult to damage by impact or abrasion. If damage does occur the zinc/iron alloy coating is much less reactive than pure zinc and will heal itself as it is corroded. The more aggressive the marine environment, the greater the performance difference between ArmorGalv and a Hot Dip Galvanised coating.

Test certificate available on request.

**Applications:** Fathom chain and mooring

**Australian Standard:** AS 2321



Chain Size (mm)	Design 5:1 (Lifting) WLL (tonnes)	Design Factor 4:1 (Mooring) MWL (tonnes)	S (mm)	R (mm)	F (mm)	Part No.	Metres/100kg	Link Marking
6	0.40	0.50	6.3	18.8	21.6	42331	116.0	PWB-L
8	0.64	0.80	8.0	23.8	27.0	42332	71.4	PWB-L
10	1.00	1.26	10.0	29.8	34.3	42333	45.4	PWB-L
13	1.70	2.10	12.7	38.0	43.0	42334	29.6	PWB-L
16	2.58	3.20	16.0	47.8	54.9	42335	17.8	PWB-L
20	4.03	5.00	20.0	59.2	68.5	42336	11.3	PWB-L
22	5.06	6.30	22.0	64.9	77.0	42337	9.5	PWB-L

## ► PWB® Regular Proof Coil Chain

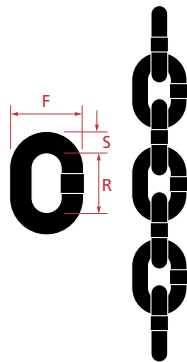
Manufactured from low grade carbon steel, this versatile range of chain is proof tested to at least twice the maximum load recommended for normal use. Chain sizes 6mm to 24mm manufactured in Australia.

Proof Coil chain is not suitable for Industrial Lifting purposes.

Test certificate available on request.

The MWL (Maximum Working Load) stated is for guidance in the selection of a chain with sufficient strength for intended applications. Dimensions and masses subject to commercial tolerances and design changes without notice.

**Applications:** Manufacturing, marine and agricultural industries



Chain Size (mm)	MWL (tonnes)	S (mm)	R (mm)	F (mm)	Part No. (Self-Colour)	Metres/100kg	Part No. (Galvanised)	Metres/100kg	Link Marking
3	0.06	3.0	16.6	13.1	41717	602.0	41718	585.0	-
4	0.11	3.8	19.6	15.8	41719	378.0	41720	367.0	-
5	0.19	4.75	23.2	19.1	41721	245.0	41722	238.0	-
6	0.32	6.0	28.0	24.0	40019	144.1	40021	135.7	PWB
8	0.53	7.6	35.8	29.2	40024	90.6	40026	87.7	PWB
10	0.86	9.5	43.4	35.5	40029	59.0	40031	57.8	PWB
13	1.50	12.0	51.7	44.5	40034	35.5	40036	34.6	PWB
16	2.31	16.0	59.6	57.3	40038	19.0	40039	18.6	PWB
20	3.67	20.0	73.3	71.0	40040	12.3	40041	12.0	PWB
24	5.34	24.0	87.0	84.8	40042	8.6	40043	8.4	PWB

## ► PWB® Regular Proof Coil Chain - Pail Pak

Pail Paks available in self colour and galvanised finishes in handy reusable 20 litre plastic containers. Pail paks 6mm to 13mm are prepacked from chain manufactured in Australia.

Not suitable for industrial lifting purposes.

**Applications:** Manufacturing, marine and agricultural industries



Chain Size (mm)	Metres/Pail Pak	Part No. (Self-Colour)	Metres/Pail Pak	Part No. (Galvanised)	Approx Weight (kg)
3	290	42130	260	42133	50.0
4	160	42131	160	42134	50.0
5	105	42132	100	42135	50.0
6	60	41461	60	41471	44.3
8	40	41462	40	41472	45.6
10	25	41463	25	41473	43.3
13	15	41464	15	41474	43.4

## ► PWB® Long Proof Coil Chain

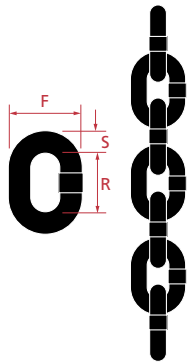
With the longest link formation in the proof coil range, the PWB Anchor Long Proof Coil Chain features more generous link dimensions to provide more metres per 100kg. Sizes 6mm to 10mm manufactured in Australia, from Australian made steel.

Proof Coil chain is not suitable for industrial lifting purposes.

Test certificate available on request.

The MWL (Maximum Working Load) stated is for guidance in the selection of a chain with sufficient strength for intended applications. Dimensions and masses subject to commercial tolerances and design changes without notice.

**Applications:** Agricultural and barrier applications



Chain Size (mm)	MWL (tonnes)	S (mm)	R (mm)	F (mm)	Part No. (Self-Colour)	Metres/100kg	Part No. (Galvanised)	Metres/100kg	Link Marking
3	0.05	3.0	23.2	15.4	41723	649.0	41724	620.0	-
4	0.09	3.8	26.8	18.4	41725	391.0	41726	379.0	-
5	0.15	4.75	29.8	21.5	41727	243.0	41728	233.0	-
6	0.26	6.0	36.2	26.0	40059	152.1	40061	148.4	PWB
8	0.46	7.6	43.5	31.0	40063	93.4	40065	91.1	PWB
10	0.75	9.5	53.1	39.0	40067	61.2	40069	59.7	PWB

## ► PWB® Long Proof Coil Chain

Pail Paks available in self colour and galvanised finishes in handy reusable 20 litre plastic containers.

Chain sizes 6mm to 10mm manufactured in Australia.

Not suitable for industrial lifting purposes.

**Applications:** Agricultural and barrier applications

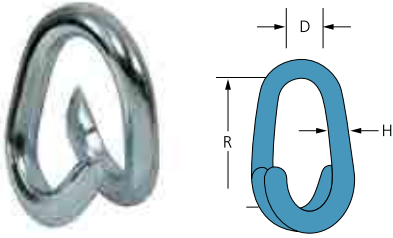


Chain Size (mm)	Metres/Pail Pak	Part No. (Self-Colour)	Metres/Pail Pak	Part No. (Galvanised)	Approx Weight (kg)
3	285	42136	270	42140	50.0
4	180	42137	170	42141	50.0
5	100	42139	100	42142	50.0
6	60	41501	60	41511	40.5
8	40	41502	40	41512	43.2
10	25	41503	25	41513	43.1

## ► Split Link

Sold in pack quantities only.

**Applications:** Joining commercial chain.



Chain Size (mm)	R (mm)	D (mm)	H (mm)	Quantity per carton	Part No.
4	19.5	10	4	660	40500
5	24	13	4.5	350	40532
6	31.5	16	6	155	40531
8	40	19	8	85	40533
10	42	20	9.5	50	40534
13	60	27	12.5	19	40829