

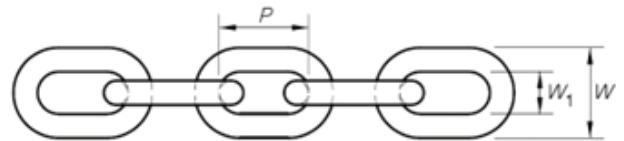
ZINC CHAIN

Caravan and Light Trailer towing component – Safety Chains up to 3500kg

Below Sunrise safety chains are compliant to AS 4177.4 – 2004 as per clause 14.3.1.2 in ADR 62/20 – Mechanical Connections Between Vehicles.

Product code	Description	Component Type Approval Number
LC6N	Link Chain 6mm – 1000kg capacity – Zinc	CTA-061051
LC8N	Link Chain 8mm – 1600kg capacity – Zinc	CTA-061050
LC10N	Link Chain 10mm – 2500kg capacity – Zinc	CTA-061049
LC13N	Link Chain 13mm – 3500kg capacity – Zinc	CTA-061048

Dimensional Assessment Of Links



Chain	Nominal Size (mm)	Safety Chain Markings	Inside Link Length P (mm)	Inside Link Width W1 (mm)	Outside Link Width W (mm)	AS 4177.4 – 2004 Requirements
LC6N	6	SI AS4177-10	32.1	12.5	26.0	P= 30–36mm; W1 = Min 11mm; W = Max 27mm
LC8N	8	SI AS4177-16	41.6	15.6	33.4	P= 38–46mm; W1 = Min 14mm; W = Max 34mm
LC10N	10	SI AS4177-25	49.40	19.4	39.3	P = 45–55mm; W1 = Min 17mm; W = Max 43mm
LC13N	13	SI AS4177-35	45.50	19.1	44.3	P = 45–55mm; W1 = Min 17mm; W = Max 49mm

Performance Assessment Of Chains

Chain	Designated Load Capacity (kg)	Proof Load (kN)	Permanent Set (%)	Tested Breaking Strength (kN)	AS 4177.4 – 2004 Minimum Breaking Strength (kN)
LC6N	1000	4.9	None	31.8	14.70
LC8N	1600	7.9	None	49.4	23.60
LC10N	2500	12.3	None	64	36.90
LC13N	3500	17.2	None	106.4	51.60

All chains markings are compliant to clause 9 of AS 4177.4. The proof load was maintained without any obvious visual deleterious permanent set, visual flaw, or defects.

All chains exceeded the specific minimum breaking strength as per AS 4177.4 requirements.

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