







GRADE 120 LIFTING CHAIN

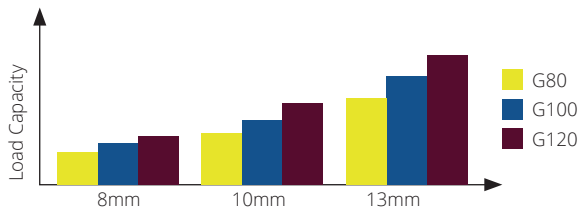


GRADE 120 LIFTING CHAIN WORKING LOAD LIMITS (WLL)

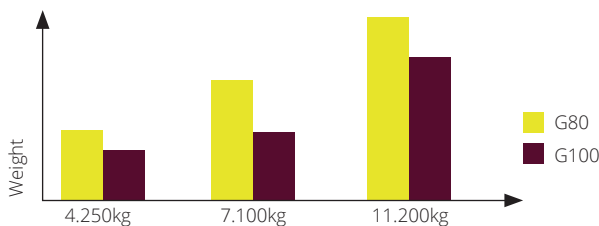
CHAIN SIZE MM 	SINGLE LEG SLINGS		SLINGS OF 2, 3 OR 4 LEGS			ENDLESS SLINGS		
	 Straight sling or adjustable sling with no deration	 Reeved Sling	 Straight sling			 Reeved sling		 Basket Sling
LOADING FACTORS	1	0.75	60°	90°	120°	Max angle 60°	Max angle 60°	Max angle 60°
6	1.8	1.3	3.1	2.5	1.8	2.3	2.3	2.7
8	3.0	2.2	5.2	4.2	3.0	3.9	3.9	4.5
10	5.0	3.7	8.6	7.0	5.0	6.5	6.5	7.5
13	8.0	6.0	13.8	11.3	8.0	10.4	10.4	12.0
16	12.5	9.4	21.6	17.6	12.5	16.2	16.2	18.7

ADVANTAGES OF USING GRADE 120

- ✓ Durability: higher wear resistance due to increased hardness
- ✓ Significant weight reduction and consequently easier handling
- ✓ 50% higher load capacity compared to G80, 20% higher load capacity compared to G100



e.g 2-Leg Chain Slings



e.g with 2-Leg chain slings 3m length

WLL (kg)	PREVIOUS CHAIN G80	CHAIN G120
4,250	10	8
7,100	13	10
11,200	16	13

WLL (kg)	PREVIOUS CHAIN G80	SUN ALLOY CHAIN WEIGHT
4,250	11	7.5
7,100	19.6	12.9
11,200	31.2	22.4