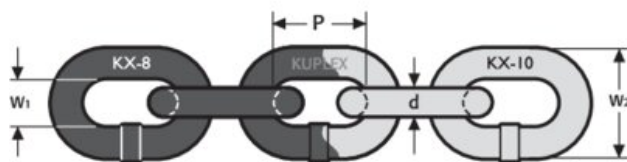


Chain Kuplex 8+10

Product information



All Kuplex chain meets the dimensional requirements of BS EN 818-2 and ISO 3076. It is marked Kuplex 8 or 10 at each twentieth link or 1 metre whichever is the lesser distance.

Single link samples are taken from a lot size of 200m and bent to a minimum deflection f , as specified in the table above. Following removal of the force, the link is examined by a competent person. The link has to withstand the specified deflection for that diameter without any visible defects.

Tensile Test

Samples of chain as specified above, and in the finished condition, are subjected to a static tensile test and have to meet the minimum breaking force requirements as stated in the adjacent table, with a total ultimate elongation of not less than 20%.

Parsons Chain Routine Component Sampling

All Kuplex components are routinely verified with tensile and fatigue testing. This is a Parsons Chain company internal specification, above and beyond any current National or International Standards requirement.

Grade: 10

Part Code	Chain diameter mm	Bend deflection f min. mm	Number of Samples per 200 m LOT
203500700000030	7	5.6	2
203500800000030	8	6.4	2
203501000000030	10	8	2
203501300000030	13	10	2
203501600000030	16	13	2
203501900000030	19	15	1
203502300000030	23	18	1
203502600000030	26	21	1
203503200000030	32	26	1

Technical data

Test Requirements and Working Load Limits - Kuplex Grade 8 Chain and Components

Size	Breaking force min	Manufacturing proof force	Working load limit	Mean stress at breaking force N/mm ² Factor 4	Mean stress at proof force N/mm ² Factor 2.5	Mean stress at WLL Factor 1
mm	kN	kN	Tonnes			
7	61,6	38,5	1,5	800	500	200
7	61.6	38.5	1.5			
8	80,6	50,3	2			
10	126	78.5	3.15			
13	214	133	5.3			
16	322	201	8			

19	454	284	11.2			
23	666	415	16			
26	850	531	21.2			
32	1,290	804	31.5			

Test Requirements and Working Load Limits - Kuplex Grade 10 Chain and Components

Size	Breaking force min.	Manufacturing proof force	Working load limit	Mean stress at breaking force N/mm2 Factor 4	Mean stress at proof force N/mm2 Factor 2.5	Mean stress at WLL Factor 1
mm	kN	kN	Tonnes			
7	77	49	2	1000	625	250
10	158	98	4			
13	266	166	6.7			
16	402	251	10			
19	567	354	14			
23	831	519	21			
26	1,062	664	27			
32	1,609	1,005	40			

Blueprint

