

PURLINS-ULTIMATE LOAD TABLES

DOUBLE SPAN PURLINS

Span		14012	14016	14018	14020	17012	17016	17018	17020	17025	20012	20016	20018	20020	20025	23016	23018	23020	23025	26016	26018	26020	26025	Span
4.50	Gravity kN (ult)	12.975	15.845	20.334	22.473	16.696	21.331	25.952	28.693	35.420	20.696	26.016	29.195	35.459	43.821	36.160	39.783	45.676	56.492	40.418	45.292	50.128	64.450	4.50
	Uplift kN (Ult)	11.288	13.785	17.708	19.570	14.526	18.558	22.578	24.963	30.815	18.005	22.634	25.400	30.849	38.124	28.927	31.826	36.541	45.194	32.334	36.233	40.102	51.560	
	Defln kN (Serv)	11.873	15.043	17.493	19.329	18.669	24.486	27.588	30.500	37.651	27.594	35.969	40.536	45.093	55.726	50.797	56.586	62.959	77.880	68.179	76.402	84.555	101.655	
5.00	Gravity kN (ult)	11.678	14.261	18.301	20.226	15.027	19.198	23.357	25.824	31.878	18.626	23.414	26.276	31.913	39.439	32.544	35.805	41.108	50.843	36.376	40.763	45.115	58.005	5.00
	Uplift kN (Ult)	10.160	12.407	15.937	17.613	13.073	16.702	20.32	22.466	27.733	16.205	20.371	22.860	27.764	34.311	26.034	28.643	32.887	40.675	29.101	32.610	36.092	46.404	
	Defln kN (Serv)	9.617	12.185	14.169	15.656	15.122	19.834	22.346	24.705	30.497	22.352	29.135	32.834	36.525	45.138	41.146	45.835	50.997	63.083	55.226	61.886	68.49	82.341	
5.50	Gravity kN (ult)	10.616	12.964	16.637	18.387	13.661	17.453	21.233	23.476	28.979	16.933	21.286	23.887	29.012	35.854	29.585	32.550	37.371	46.221	33.025	37.008	40.959	52.732	5.50
	Uplift kN (Ult)	9.236	11.279	14.488	16.012	11.885	15.184	18.473	20.424	25.212	14.732	18.519	20.782	25.240	31.192	23.667	26.039	29.897	36.977	26.455	29.646	32.811	42.185	
	Defln kN (Serv)	7.948	10.07	11.71	12.939	12.497	16.391	18.468	20.418	25.204	18.472	24.078	27.136	30.186	37.304	34.005	37.88	42.146	52.134	45.641	51.145	56.603	68.05	
6.00	Gravity kN (ult)	9.732	11.884	15.251	16.855	12.522	15.998	19.464	21.520	26.565	15.522	19.512	21.896	26.594	32.865	27.119	29.837	34.257	42.369	30.313	33.969	37.596	48.338	6.00
	Uplift kN (Ult)	8.466	10.339	13.281	14.678	10.895	13.919	16.934	18.722	23.112	13.504	16.976	19.050	23.137	28.593	21.696	23.870	27.406	33.896	24.251	27.176	30.077	38.670	
	Defln kN (Serv)	6.679	8.462	9.84	10.873	10.501	13.773	15.518	17.156	21.178	15.522	20.233	22.802	25.365	31.346	28.574	31.83	35.414	43.807	38.351	42.976	47.562	57.181	
6.50	Gravity kN (ult)	8.983	10.97	14.077	15.558	11.559	14.768	17.967	19.865	24.522	14.328	18.011	20.212	24.549	30.338	25.033	27.542	31.622	39.110	27.982	31.356	34.704	44.619	6.50
	Uplift kN (Ult)	7.815	9.543	12.259	13.548	10.056	12.848	15.631	17.282	21.333	12.465	15.67	17.585	21.357	26.393	20.026	22.033	25.298	31.289	22.385	25.085	27.763	35.695	
	Defln kN (Serv)	5.691	7.21	8.384	9.264	8.948	11.736	13.223	14.619	18.046	13.226	17.24	19.428	21.613	26.709	24.346	27.121	30.176	37.327	32.677	36.618	40.526	48.722	
7.00	Gravity kN (ult)	8.341	10.186	13.072	14.447	10.733	13.713	16.683	18.445	22.769	13.305	16.725	18.768	22.795	28.170	23.238	25.567	29.363	36.316	25.983	29.116	32.225	41.432	7.00
	Uplift kN (Ult)	7.257	8.862	11.384	12.581	9.338	11.93	14.514	16.047	19.809	11.574	14.55	16.329	19.832	24.509	18.596	20.460	23.491	29.054	20.786	23.293	25.780	33.146	
	Defln kN (Serv)	4.907	6.217	7.229	7.988	7.715	10.119	11.401	12.605	15.560	11.404	14.865	16.752	18.635	23.029	20.993	23.385	26.019	32.185	28.176	31.574	34.944	42.01	
7.50	Gravity kN (ult)	7.785	9.507	12.2	13.483	10.018	12.799	15.571	17.216	21.251	12.418	15.61	17.517	21.275	26.292	21.696	23.870	27.406	33.896	24.251	27.176	30.077	38.670	7.50
	Uplift kN (Ult)	6.773	8.271	10.625	11.743	8.716	11.135	13.547	14.978	18.489	10.803	13.58	15.240	18.509	22.874	17.357	19.096	21.925	27.117	19.400	21.740	24.061	30.936	
	Defln kN (Serv)	4.274	5.415	6.297	6.958	6.721	8.815	9.932	10.981	13.555	9.934	12.949	14.593	16.233	20.061	18.287	20.371	22.665	28.036	24.545	27.505	30.44	36.596	
8.00	Gravity kN (ult)	7.299	8.913	11.438	12.641	9.392	11.999	14.598	16.140	19.923	11.641	14.634	16.422	19.946	24.650	20.340	22.378	25.693	31.777	22.735	25.477	28.197	36.253	8.00
	Uplift kN (Ult)	6.350	7.754	9.961	11.009	8.171	10.439	12.7	14.041	17.333	10.128	12.732	14.288	17.353	21.445	16.271	17.902	20.554	25.421	18.188	20.381	22.557	29.003	
	Defln kN (Serv)	3.757	4.76	5.535	6.116	5.907	7.748	8.729	9.651	11.913	8.731	11.381	12.826	14.268	17.632	16.072	17.904	19.921	24.642	21.573	24.174	26.754	32.164	
8.50	Gravity kN (ult)	6.859	8.376	10.729	11.858	8.839	11.293	13.739	15.190	18.751	10.956	13.773	15.456	18.772	23.199	19.144	21.062	24.181	29.907	21.397	23.978	26.538	34.121	8.50
	Uplift kN (Ult)	6.012	7.341	9.412	10.402	7.690	9.825	11.953	13.215	16.314	9.532	11.983	13.447	16.332	20.183	15.314	16.849	19.345	23.926	17.118	19.182	21.230	27.296	
	Defln kN (Serv)	2.948	3.74	4.34	4.799	5.233	6.863	7.732	8.548	10.552	7.734	10.081	11.361	12.639	15.619	14.237	15.86	17.646	21.828	19.109	21.414	23.699	28.492	
9.00	Gravity kN (ult)	6.478	7.911	10.133	11.199	8.348	10.666	12.976	14.346	17.710	10.348	13.008	14.598	17.730	21.911	18.080	19.892	22.838	28.246	20.209	22.646	25.064	32.225	9.00
	Uplift kN (Ult)	5.678	6.933	8.889	9.824	7.263	9.279	11.289	12.481	15.407	9.003	11.317	12.700	15.425	19.062	14.464	15.913	18.271	22.598	16.167	18.117	20.051	25.780	
	Defln kN (Serv)	2.345	2.97	3.46	3.818	4.668	6.122	6.897	7.625	9.413	6.898	8.992	10.134	11.273	13.931	12.700	14.147	15.74	19.470	17.045	19.101	21.139	25.414	
		14012	14016	14018	14020	17012	17016	17018	17020	17025	20012	20016	20018	20020	20025	23016	23018	23020	23025	26016	26018	26020	26025	