

Flex Belt Specifications - custom lengths 2500 mm (9") to 12500 mm (492")

		L	H	XH	T5	AT5	T10	T10-HF	AT10	T20	AT20	HTD5	HTD8
Pitch (inch and metric)		.375"	.500"	.875"	5 mm	5 mm	10 mm	10 mm	10 mm	20 mm	20 mm	5 mm	8 mm
Ultimate Tensile Strength per Inch or 25 mm Belt Width	lbf/in	1220	1570	2760	800	1220	1570	2380	2760	2760	4310	2380	2570
	N/25 mm	5430	6980	12280	3560	5430	6980	10590	12280	12280	19170	10590	11430
Max. Allowable Belt Tension per Inch or 25 mm Belt Width	lbf/in	300	390	690	200	300	390	590	690	690	1070	590	640
	N/25 mm	1330	1730	3070	890	1330	1730	2620	3070	3070	4760	2620	2850
Allowable Effective Tension for the Belt Teeth (15 and More Teeth in Mesh)	lbf/in	360	440	880	200	290	380	380	580	710	1220	230	420
	N/25 mm	1600	1960	3910	890	1290	1690	1690	2580	3160	5430	1020	1870
Specific Weight	lbf/ft/in	0.059	0.066	0.180	0.037	0.055	0.074	0.079	0.096	0.125	0.169	0.070	0.101
	kgf/m/cm	0.035	0.039	0.105	0.022	0.032	0.043	0.046	0.056	0.073	0.099	0.041	0.059
Min. No. of Pulley Teeth		10	14	18	10	15	14	12	15	15	18	14	20
Min. Pitch Diameter		1.19"	2.23"	5.01"	16 mm	24 mm	45 mm	38 mm	48 mm	96 mm	115 mm	22 mm	51 mm
Min. Diameter of Tension Idler Running on Back of Belt	in	2.375	3.125	5.875	1.125	2.375	3.125	2.375	4.750	4.750	7.125	2.375	4.750
	mm	60	80	150	30	60	80	60	120	120	180	60	120
Service Temperature Range		-20° C to +70° C (-4° F to 158° F)											
Standard Color		White											