



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

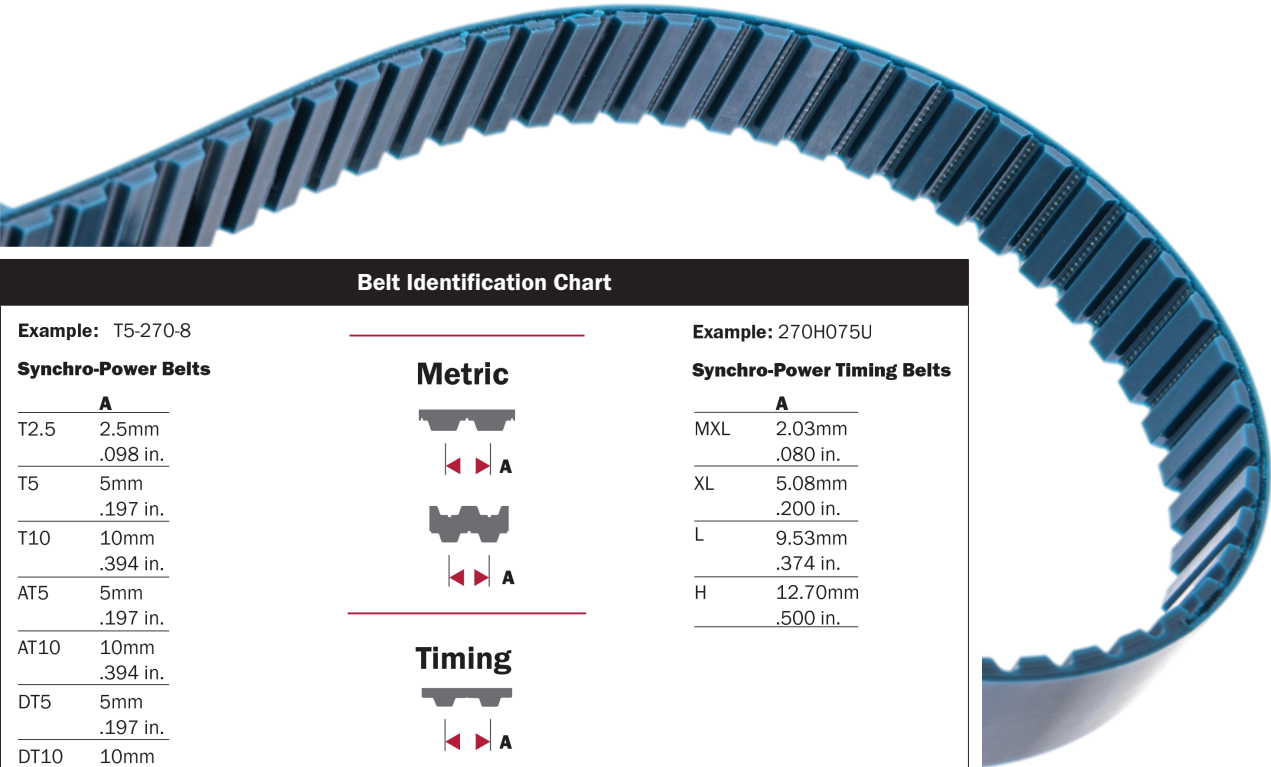
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds and applications.

CONSTRUCTION + SPECIFICATIONS

- Abrasion-resistant **polyurethane body** offers clean running systems without accumulation of debris.
- Synchro-Power **endless belts and sleeves for power transmission** are manufactured as truly endless synchronous belts with no joint. Pitch lengths available up to 2250 mm.
- Synchro-Power **open-end belts for linear drives** (rolls) are manufactured as open-end extruded belts. Roll lengths available up to 100 m.

FEATURES + BENEFITS

- Modifications include molded profiles, tensile cords, lamination with various backings, and FDA and USDA constructions.
- Exceptional rigidity, reduced tooth flexing and exceptional stability in the overall system.
- No lubrication required.
- Operating temperature range: -30°C/-22°F to +80°C/+176°F.



Belt Identification Chart

Example: T5-270-8

Synchro-Power Belts

	A
T2.5	2.5mm .098 in.
T5	5mm .197 in.
T10	10mm .394 in.
AT5	5mm .197 in.
AT10	10mm .394 in.
DT5	5mm .197 in.
DT10	10mm .394 in.

Metric



Timing



Example: 270H075U

Synchro-Power Timing Belts

	A
MXL	2.03mm .080 in.
XL	5.08mm .200 in.
L	9.53mm .374 in.
H	12.70mm .500 in.

Synchro-Power® Polyurethane Belts

Product No. Series 7762 (continued)

T10 Pitch — 16mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
T10-260-16	7762-2165	26	260	.039	T10-980-16	7762-2193	98	980	.148
T10-370-16	7762-2166	37	370	.056	T10-1000-16	7762-0355	100	1000	.151
T10-400-16	7762-2167	40	400	.061	T10-1010-16	7762-2194	101	1010	.153
T10-410-16	7762-2168	41	410	.062	T10-1080-16	7762-2195	108	1080	.163
T10-440-16	7762-2169	44	440	.067	T10-1100-16	7762-2196	110	1100	.166
T10-450-16	7762-2170	45	450	.068	T10-1110-16	7762-2197	111	1110	.168
T10-500-16	7762-2171	50	500	.076	T10-1140-16	7762-2198	114	1140	.173
T10-530-16	7762-2172	53	530	.080	T10-1150-16	7762-2199	115	1150	.174
T10-560-16	7762-2173	56	560	.085	T10-1210-16	7762-2200	121	1210	.183
T10-600-16	7762-2174	60	600	.091	T10-1240-16	7762-2201	124	1240	.188
T10-610-16	7762-2175	61	610	.092	T10-1250-16	7762-2202	125	1250	.189
T10-630-16	7762-2176	63	630	.095	T10-1300-16	7762-2203	130	1300	.197
T10-660-16	7762-2177	66	660	.100	T10-1320-16	7762-2204	132	1320	.200
T10-690-16	7762-2178	69	690	.104	T10-1350-16	7762-2205	135	1350	.204
T10-700-16	7762-2179	70	700	.106	T10-1390-16	7762-2206	139	1390	.210
T10-720-16	7762-2180	72	720	.109	T10-1400-16	7762-2207	140	1400	.212
T10-730-16	7762-2181	73	730	.110	T10-1420-16	7762-2208	142	1420	.215
T10-750-16	7762-2182	75	750	.114	T10-1450-16	7762-2209	145	1450	.219
T10-780-16	7762-2183	78	780	.118	T10-1460-16	7762-2210	146	1460	.221
T10-800-16	7762-0329	80	800	.121	T10-1500-16	7762-2211	150	1500	.227
T10-810-16	7762-2184	81	810	.123	T10-1560-16	7762-2212	156	1560	.236
T10-840-16	7762-2185	84	840	.127	T10-1600-16	7762-0619	160	1600	.242
T10-880-16	7762-2186	88	880	.133	T10-1610-16	7762-2213	161	1610	.244
T10-890-16	7762-2187	89	890	.135	T10-1700-16	7762-0596	170	1700	.257
T10-900-16	7762-2188	90	900	.136	T10-1750-16	7762-2214	175	1750	.265
T10-910-16	7762-2189	91	910	.138	T10-1780-16	7762-2215	178	1780	.269
T10-920-16	7762-2190	92	920	.139	T10-1880-16	7762-2216	188	1880	.285
T10-950-16	7762-0342	95	950	.144	T10-1960-16	7762-2217	196	1960	.297
T10-960-16	7762-2191	96	960	.145	T10-2250-16	7762-2218	225	2250	.341
T10-970-16	7762-2192	97	970	.147					

T10 Pitch — 20mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
T10-260-20	7762-2220	26	260	.049	T10-910-20	7762-2244	91	910	.172
T10-370-20	7762-2221	37	370	.070	T10-920-20	7762-2245	92	920	.174
T10-400-20	7762-2222	40	400	.076	T10-950-20	7762-0343	95	950	.180
T10-410-20	7762-2223	41	410	.078	T10-960-20	7762-2246	96	960	.182
T10-440-20	7762-2224	44	440	.083	T10-970-20	7762-2247	97	970	.184
T10-450-20	7762-2225	45	450	.085	T10-980-20	7762-2248	98	980	.185
T10-500-20	7762-2226	50	500	.095	T10-1000-20	7762-0356	100	1000	.189
T10-530-20	7762-2227	53	530	.100	T10-1010-20	7762-2249	101	1010	.191
T10-560-20	7762-2228	56	560	.106	T10-1080-20	7762-2250	108	1080	.204
T10-600-20	7762-2229	60	600	.114	T10-1100-20	7762-2251	110	1100	.208
T10-610-20	7762-2230	61	610	.115	T10-1110-20	7762-2252	111	1110	.210
T10-630-20	7762-2231	63	630	.119	T10-1140-20	7762-2253	114	1140	.216
T10-660-20	7762-2232	66	660	.125	T10-1150-20	7762-2254	115	1150	.218
T10-690-20	7762-2233	69	690	.131	T10-1210-20	7762-2255	121	1210	.229
T10-700-20	7762-2234	70	700	.132	T10-1240-20	7762-2256	124	1240	.235
T10-720-20	7762-2235	72	720	.136	T10-1250-20	7762-2257	125	1250	.237
T10-730-20	7762-2236	73	730	.138	T10-1300-20	7762-2258	130	1300	.246
T10-750-20	7762-2237	75	750	.142	T10-1320-20	7762-2259	132	1320	.250
T10-780-20	7762-2238	78	780	.148	T10-1350-20	7762-2260	135	1350	.255
T10-800-20	7762-0330	80	800	.151	T10-1390-20	7762-2261	139	1390	.263
T10-810-20	7762-2239	81	810	.153	T10-1400-20	7762-2262	140	1400	.265
T10-840-20	7762-2240	84	840	.159	T10-1420-20	7762-2263	142	1420	.269
T10-880-20	7762-2241	88	880	.166	T10-1450-20	7762-2264	145	1450	.274
T10-890-20	7762-2242	89	890	.168	T10-1460-20	7762-2265	146	1460	.276
T10-900-20	7762-2243	90	900	.170	T10-1500-20	7762-2266	150	1500	.284