



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

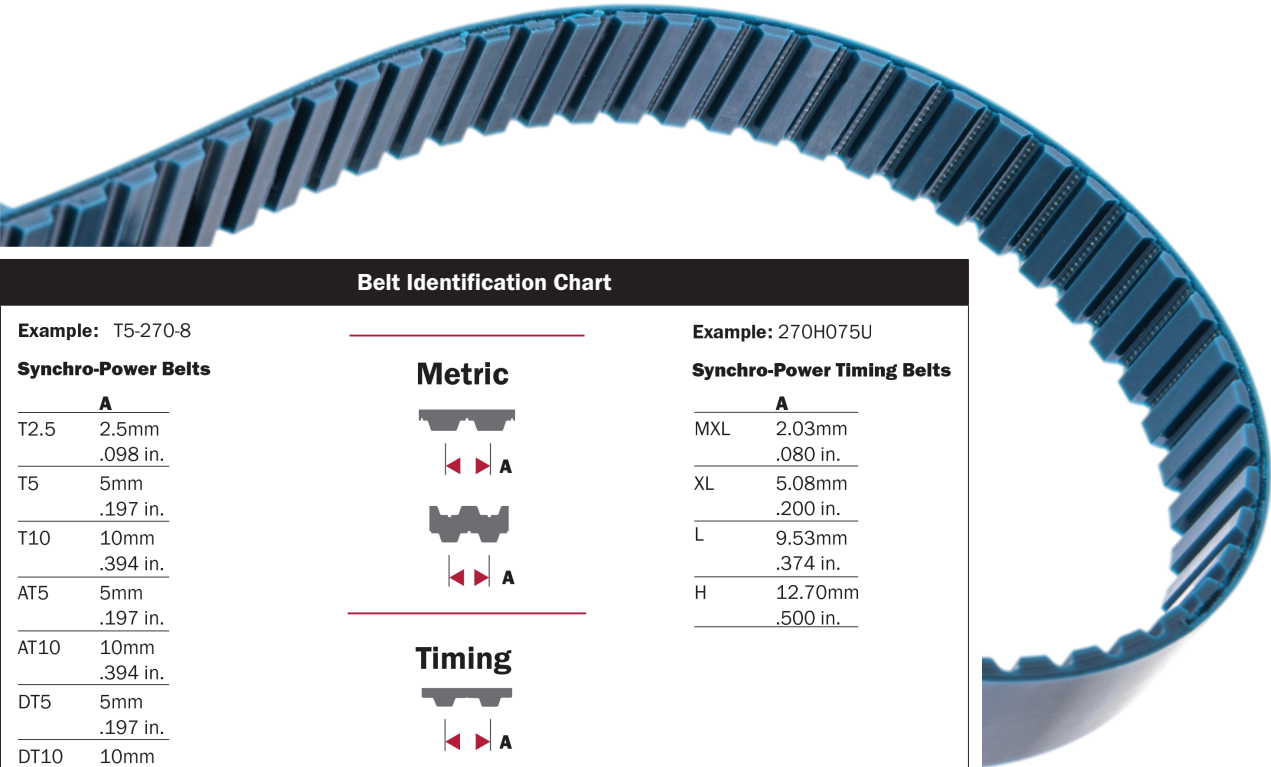
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds 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 — 32mm Wide (continued)

Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (mm)	Weight (Lbs.)
T10-960-32	7762-2356	96	960	.291	T10-1390-32	7762-2371	139	1390	.421
T10-970-32	7762-2357	97	970	.294	T10-1400-32	7762-2372	140	1400	.424
T10-980-32	7762-2358	98	980	.297	T10-1420-32	7762-2373	142	1420	.430
T10-1000-32	7762-0358	100	1000	.303	T10-1450-32	7762-2374	145	1450	.439
T10-1010-32	7762-2359	101	1010	.306	T10-1460-32	7762-2375	146	1460	.442
T10-1080-32	7762-2360	108	1080	.327	T10-1500-32	7762-2376	150	1500	.454
T10-1100-32	7762-2361	110	1100	.333	T10-1560-32	7762-2377	156	1560	.472
T10-1110-32	7762-2362	111	1110	.336	T10-1600-32	7762-0622	160	1600	.484
T10-1140-32	7762-2363	114	1140	.345	T10-1610-32	7762-2378	161	1610	.487
T10-1150-32	7762-2364	115	1150	.348	T10-1700-32	7762-0599	170	1700	.515
T10-1210-32	7762-2365	121	1210	.366	T10-1750-32	7762-2379	175	1750	.530
T10-1240-32	7762-2366	124	1240	.375	T10-1780-32	7762-2380	178	1780	.539
T10-1250-32	7762-2367	125	1250	.378	T10-1880-32	7762-2381	188	1880	.569
T10-1300-32	7762-2368	130	1300	.394	T10-1960-32	7762-2382	196	1960	.593
T10-1320-32	7762-2369	132	1320	.400	T10-2250-32	7762-2383	225	2250	.681
T10-1350-32	7762-2370	135	1350	.409					

T10 Pitch — 50mm 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.)
T10-260-50	7762-2385	26	260	.123	T10-980-50	7762-2413	98	980	.464
T10-370-50	7762-2386	37	370	.175	T10-1000-50	7762-0359	100	1000	.473
T10-400-50	7762-2387	40	400	.189	T10-1010-50	7762-2414	101	1010	.478
T10-410-50	7762-2388	41	410	.194	T10-1080-50	7762-2415	108	1080	.511
T10-440-50	7762-2389	44	440	.208	T10-1100-50	7762-2416	110	1100	.520
T10-450-50	7762-2390	45	450	.213	T10-1110-50	7762-2417	111	1110	.525
T10-500-50	7762-2391	50	500	.237	T10-1140-50	7762-2418	114	1140	.539
T10-530-50	7762-2392	53	530	.251	T10-1150-50	7762-2419	115	1150	.544
T10-560-50	7762-2393	56	560	.265	T10-1210-50	7762-2420	121	1210	.572
T10-600-50	7762-2394	60	600	.284	T10-1240-50	7762-2421	124	1240	.587
T10-610-50	7762-2395	61	610	.289	T10-1250-50	7762-2422	125	1250	.591
T10-630-50	7762-2396	63	630	.298	T10-1300-50	7762-2423	130	1300	.615
T10-660-50	7762-2397	66	660	.312	T10-1320-50	7762-2424	132	1320	.624
T10-690-50	7762-2398	69	690	.326	T10-1350-50	7762-2425	135	1350	.639
T10-700-50	7762-2399	70	700	.331	T10-1390-50	7762-2426	139	1390	.657
T10-720-50	7762-2400	72	720	.341	T10-1400-50	7762-2427	140	1400	.662
T10-730-50	7762-2401	73	730	.345	T10-1420-50	7762-2428	142	1420	.672
T10-750-50	7762-2402	75	750	.355	T10-1450-50	7762-2429	145	1450	.686
T10-780-50	7762-2403	78	780	.369	T10-1460-50	7762-2430	146	1460	.691
T10-800-50	7762-0333	80	800	.378	T10-1500-50	7762-2431	150	1500	.710
T10-810-50	7762-2404	81	810	.383	T10-1560-50	7762-2432	156	1560	.738
T10-840-50	7762-2405	84	840	.397	T10-1600-50	7762-0623	160	1600	.757
T10-880-50	7762-2406	88	880	.416	T10-1610-50	7762-2433	161	1610	.762
T10-890-50	7762-2407	89	890	.421	T10-1700-50	7762-0600	170	1700	.804
T10-900-50	7762-2408	90	900	.426	T10-1750-50	7762-2434	175	1750	.828
T10-910-50	7762-2409	91	910	.430	T10-1780-50	7762-2435	178	1780	.842
T10-920-50	7762-2410	92	920	.435	T10-1880-50	7762-2436	188	1880	.889
T10-950-50	7762-0346	95	950	.449	T10-1960-50	7762-2437	196	1960	.927
T10-960-50	7762-2411	96	960	.454	T10-2250-50	7762-2438	225	2250	1.064
T10-970-50	7762-2412	97	970	.459					

T10 Pitch — 75mm 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.)
T10-260-75	7762-2450	26	260	.184	T10-410-75	7762-2453	41	410	.291
T10-370-75	7762-2451	37	370	.263	T10-440-75	7762-2454	44	440	.312
T10-400-75	7762-2452	40	400	.284	T10-450-75	7762-2455	45	450	.319