



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

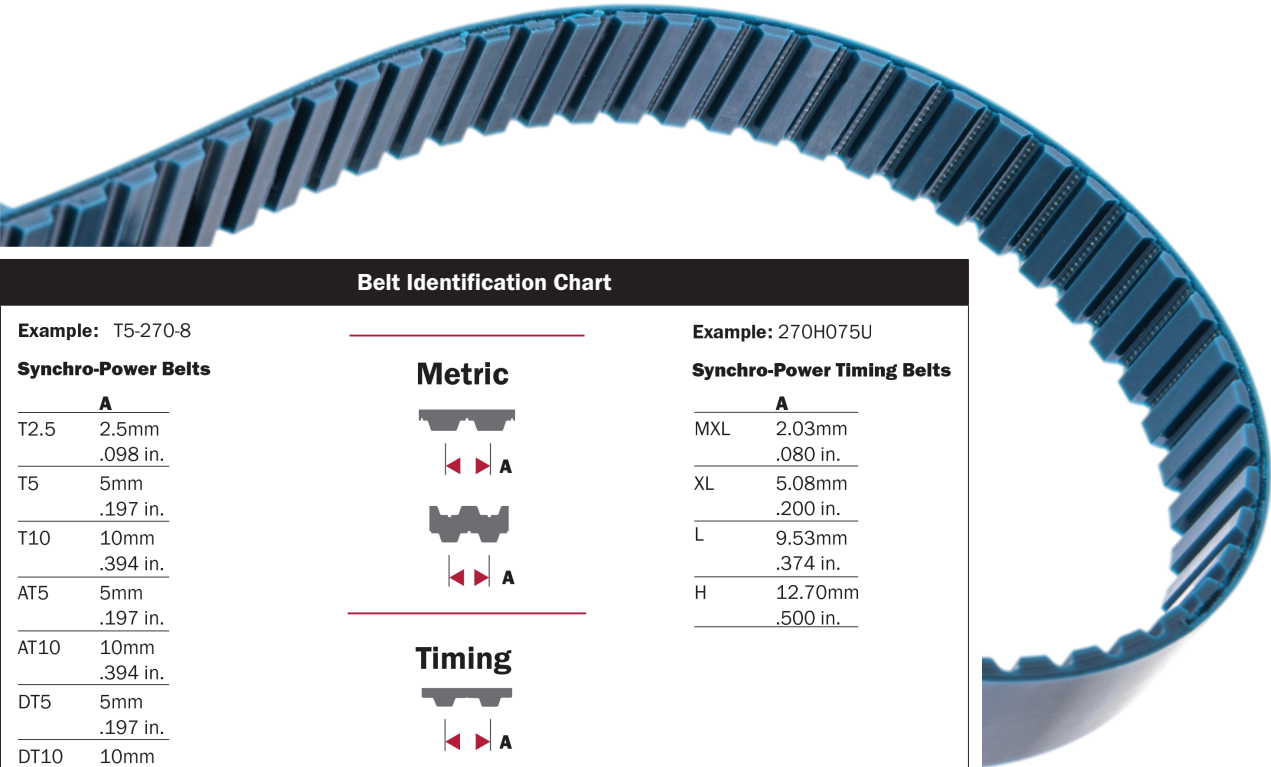
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds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

T5 Pitch — 12mm 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.)
T5-630-12	7762-1321	126	630	.037	T5-815-12	7762-1331	163	815	.047
T5-640-12	7762-1322	128	640	.037	T5-830-12	7762-0608	166	830	.048
T5-650-12	7762-1323	130	650	.038	T5-840-12	7762-1332	168	840	.049
T5-660-12	7762-1324	132	660	.038	T5-850-12	7762-0381	170	850	.049
T5-675-12	7762-1325	135	675	.039	T5-900-12	7762-1333	180	900	.052
T5-690-12	7762-1326	138	690	.040	T5-940-12	7762-1334	188	940	.055
T5-700-12	7762-1327	140	700	.041	T5-990-12	7762-1335	198	990	.057
T5-720-12	7762-1328	144	720	.042	T5-1075-12	7762-1336	215	1075	.062
T5-725-12	7762-0458	145	725	.042	T5-1100-12	7762-1337	220	1100	.064
T5-750-12	7762-1329	150	750	.044	T5-1215-12	7762-1338	243	1215	.071
T5-780-12	7762-1330	156	780	.045	T5-1315-12	7762-1339	263	1315	.076
T5-800-12	7762-0367	160	800	.046	T5-1380-12	7762-1340	276	1380	.080

T5 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.)
T5-150-16	7762-1350	30	150	.012	T5-525-16	7762-1384	105	525	.041
T5-165-16	7762-1351	33	165	.013	T5-545-16	7762-1385	109	545	.042
T5-180-16	7762-1352	36	180	.014	T5-550-16	7762-1386	110	550	.043
T5-185-16	7762-1353	37	185	.014	T5-560-16	7762-1387	112	560	.043
T5-200-16	7762-1354	40	200	.015	T5-575-16	7762-1388	115	575	.045
T5-215-16	7762-1355	43	215	.017	T5-590-16	7762-0495	118	590	.046
T5-220-16	7762-1356	44	220	.017	T5-600-16	7762-0483	120	600	.046
T5-225-16	7762-1357	45	225	.017	T5-610-16	7762-1389	122	610	.047
T5-245-16	7762-1358	49	245	.019	T5-620-16	7762-1390	124	620	.048
T5-250-16	7762-1359	50	250	.019	T5-630-16	7762-1391	126	630	.049
T5-255-16	7762-1360	51	255	.020	T5-640-16	7762-1392	128	640	.050
T5-260-16	7762-1361	52	260	.020	T5-650-16	7762-1393	130	650	.050
T5-270-16	7762-1362	54	270	.021	T5-660-16	7762-1394	132	660	.051
T5-275-16	7762-1363	55	275	.021	T5-675-16	7762-1395	135	675	.052
T5-280-16	7762-1364	56	280	.022	T5-690-16	7762-1396	138	690	.053
T5-295-16	7762-1365	59	295	.023	T5-700-16	7762-1397	140	700	.054
T5-305-16	7762-1366	61	305	.024	T5-720-16	7762-1398	144	720	.056
T5-330-16	7762-1368	66	330	.026	T5-725-16	7762-0459	145	725	.056
T5-340-16	7762-1369	68	340	.026	T5-750-16	7762-1399	150	750	.058
T5-350-16	7762-1370	70	350	.027	T5-780-16	7762-1400	156	780	.060
T5-355-16	7762-1371	71	355	.027	T5-800-16	7762-0369	160	800	.062
T5-365-16	7762-1372	73	365	.028	T5-815-16	7762-1401	163	815	.063
T5-390-16	7762-1373	78	390	.030	T5-830-16	7762-0609	166	830	.064
T5-400-16	7762-1374	80	400	.031	T5-840-16	7762-1402	168	840	.065
T5-410-16	7762-1375	82	410	.032	T5-850-16	7762-0383	170	850	.066
T5-420-16	7762-1376	84	420	.033	T5-900-16	7762-1403	180	900	.070
T5-445-16	7762-1377	89	445	.034	T5-940-16	7762-1404	188	940	.073
T5-450-16	7762-1378	90	450	.035	T5-990-16	7762-1405	198	990	.077
T5-455-16	7762-1379	91	455	.035	T5-1075-16	7762-1406	215	1075	.083
T5-475-16	7762-1380	95	475	.037	T5-1100-16	7762-1407	220	1100	.085
T5-480-16	7762-1381	96	480	.037	T5-1215-16	7762-1408	243	1215	.094
T5-500-16	7762-1382	100	500	.039	T5-1315-16	7762-1409	263	1315	.102
T5-510-16	7762-1383	102	510	.039	T5-1380-16	7762-1410	276	1380	.107

T5 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.)
T5-150-20	7762-1420	30	150	.015	T5-200-20	7762-1424	40	200	.019
T5-165-20	7762-1421	33	165	.016	T5-215-20	7762-1425	43	215	.021
T5-180-20	7762-1422	36	180	.017	T5-220-20	7762-1426	44	220	.021
T5-185-20	7762-1423	37	185	.018	T5-225-20	7762-1427	45	225	.022