



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

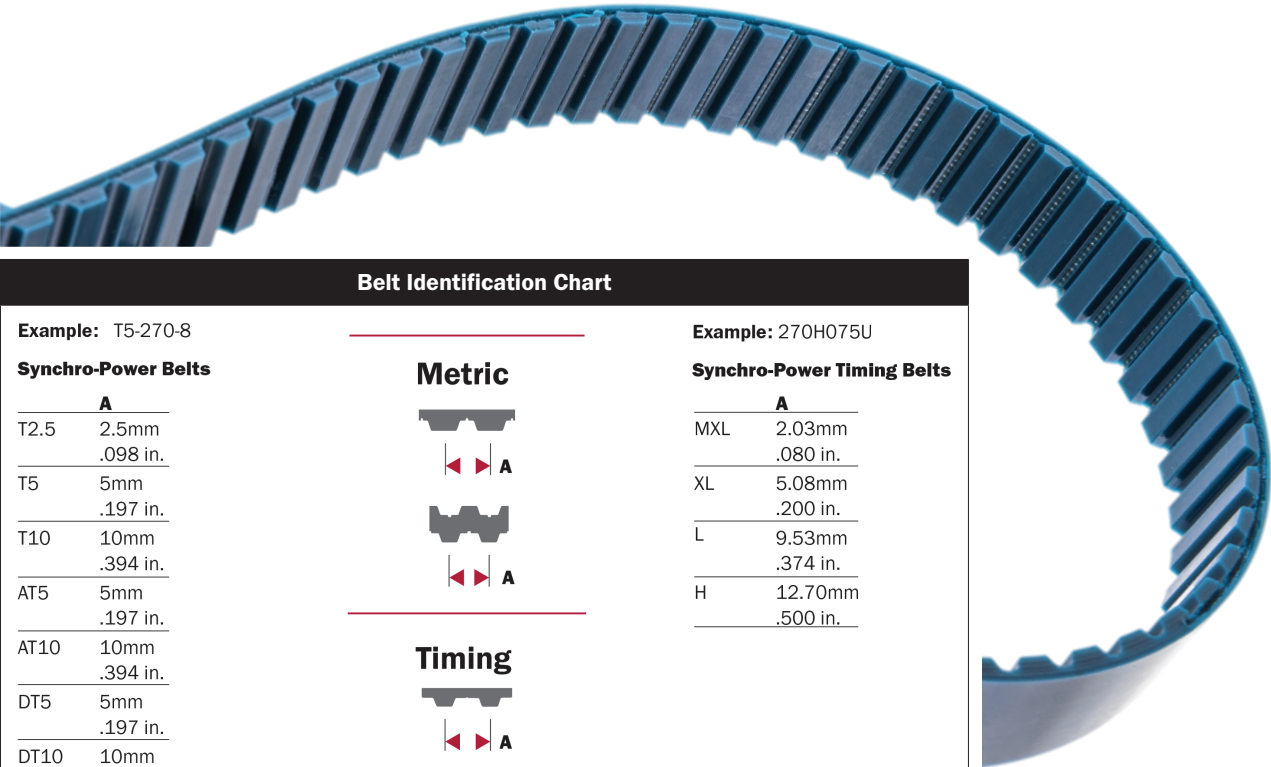
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds 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 — 10mm 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.)
T5-150-10	7762-1210	30	150	.007	T5-525-10	7762-1244	105	525	.025
T5-165-10	7762-1211	33	165	.008	T5-545-10	7762-1245	109	545	.026
T5-180-10	7762-1212	36	180	.009	T5-550-10	7762-1246	110	550	.027
T5-185-10	7762-1213	37	185	.009	T5-560-10	7762-1247	112	560	.027
T5-200-10	7762-1214	40	200	.010	T5-575-10	7762-1248	115	575	.028
T5-215-10	7762-1215	43	215	.010	T5-590-10	7762-0493	118	590	.029
T5-220-10	7762-1216	44	220	.011	T5-600-10	7762-0481	120	600	.029
T5-225-10	7762-1217	45	225	.011	T5-610-10	7762-1249	122	610	.030
T5-245-10	7762-1218	49	245	.012	T5-620-10	7762-1250	124	620	.030
T5-250-10	7762-1219	50	250	.012	T5-630-10	7762-1251	126	630	.030
T5-255-10	7762-1220	51	255	.012	T5-640-10	7762-1252	128	640	.031
T5-260-10	7762-1221	52	260	.013	T5-650-10	7762-1253	130	650	.031
T5-270-10	7762-1222	54	270	.013	T5-660-10	7762-1254	132	660	.032
T5-275-10	7762-1223	55	275	.013	T5-675-10	7762-1255	135	675	.033
T5-280-10	7762-1224	56	280	.014	T5-690-10	7762-1256	138	690	.033
T5-295-10	7762-1225	59	295	.014	T5-700-10	7762-1257	140	700	.034
T5-305-10	7762-1226	61	305	.015	T5-720-10	7762-1258	144	720	.035
T5-330-10	7762-1228	66	330	.016	T5-725-10	7762-0457	145	725	.035
T5-340-10	7762-1229	68	340	.016	T5-750-10	7762-1259	150	750	.036
T5-350-10	7762-1230	70	350	.017	T5-780-10	7762-1260	156	780	.038
T5-355-10	7762-1231	71	355	.017	T5-800-10	7762-0366	160	800	.039
T5-365-10	7762-1232	73	365	.018	T5-815-10	7762-1261	163	815	.039
T5-390-10	7762-1233	78	390	.019	T5-830-10	7762-0607	166	830	.040
T5-400-10	7762-1234	80	400	.019	T5-840-10	7762-1262	168	840	.041
T5-410-10	7762-1235	82	410	.020	T5-850-10	7762-0380	170	850	.041
T5-420-10	7762-1236	84	420	.020	T5-900-10	7762-1263	180	900	.044
T5-445-10	7762-1237	89	445	.022	T5-940-10	7762-1264	188	940	.045
T5-450-10	7762-1238	90	450	.022	T5-990-10	7762-1265	198	990	.048
T5-455-10	7762-1239	91	455	.022	T5-1075-10	7762-1266	215	1075	.052
T5-475-10	7762-1240	95	475	.023	T5-1100-10	7762-1267	220	1100	.053
T5-480-10	7762-1241	96	480	.023	T5-1215-10	7762-1268	243	1215	.059
T5-500-10	7762-1242	100	500	.024	T5-1315-10	7762-1269	263	1315	.064
T5-510-10	7762-1243	102	510	.025	T5-1380-10	7762-1270	276	1380	.067

T5 Pitch — 12mm 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.)
T5-150-12	7762-1280	30	150	.009	T5-365-12	7762-1302	73	365	.021
T5-165-12	7762-1281	33	165	.010	T5-390-12	7762-1303	78	390	.023
T5-180-12	7762-1282	36	180	.010	T5-400-12	7762-1304	80	400	.023
T5-185-12	7762-1283	37	185	.011	T5-410-12	7762-1305	82	410	.024
T5-200-12	7762-1284	40	200	.012	T5-420-12	7762-1306	84	420	.024
T5-215-12	7762-1285	43	215	.012	T5-445-12	7762-1307	89	445	.026
T5-220-12	7762-1286	44	220	.013	T5-450-12	7762-1308	90	450	.026
T5-225-12	7762-1287	45	225	.013	T5-455-12	7762-1309	91	455	.026
T5-245-12	7762-1288	49	245	.014	T5-475-12	7762-1310	95	475	.028
T5-250-12	7762-1289	50	250	.015	T5-480-12	7762-1311	96	480	.028
T5-255-12	7762-1290	51	255	.015	T5-500-12	7762-1312	100	500	.029
T5-260-12	7762-1291	52	260	.015	T5-510-12	7762-1313	102	510	.030
T5-270-12	7762-1292	54	270	.016	T5-525-12	7762-1314	105	525	.030
T5-275-12	7762-1293	55	275	.016	T5-545-12	7762-1315	109	545	.032
T5-280-12	7762-1294	56	280	.016	T5-550-12	7762-1316	110	550	.032
T5-295-12	7762-1295	59	295	.017	T5-560-12	7762-1317	112	560	.033
T5-305-12	7762-1296	61	305	.018	T5-575-12	7762-1318	115	575	.033
T5-330-12	7762-1298	66	330	.019	T5-590-12	7762-0494	118	590	.034
T5-340-12	7762-1299	68	340	.020	T5-600-12	7762-0482	120	600	.035
T5-350-12	7762-1300	70	350	.020	T5-610-12	7762-1319	122	610	.035
T5-355-12	7762-1301	71	355	.021	T5-620-12	7762-1320	124	620	.036