



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

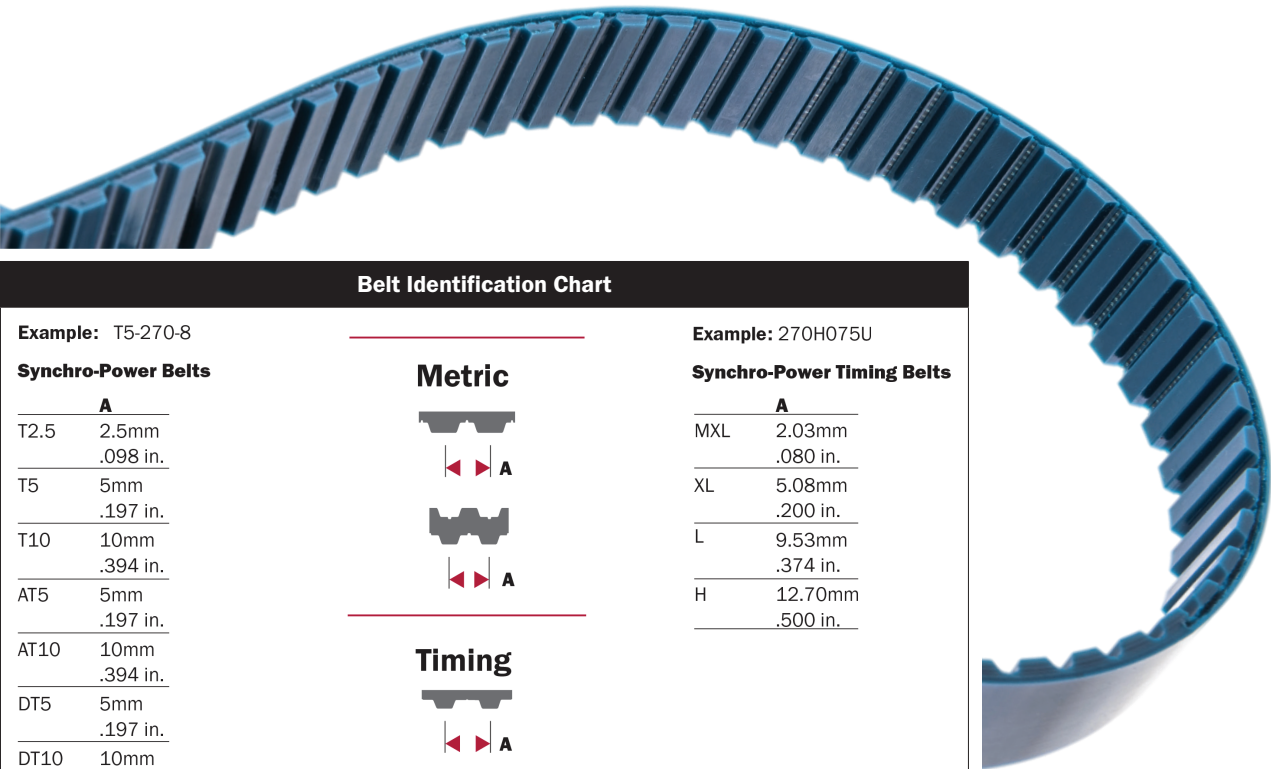
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds 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 — 20mm 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.)
T5-245-20	7762-1428	49	245	.024	T5-575-20	7762-1458	115	575	.056
T5-250-20	7762-1429	50	250	.024	T5-590-20	7762-0496	118	590	.057
T5-255-20	7762-1430	51	255	.025	T5-600-20	7762-0484	120	600	.058
T5-260-20	7762-1431	52	260	.025	T5-610-20	7762-1459	122	610	.059
T5-270-20	7762-1432	54	270	.026	T5-620-20	7762-1460	124	620	.060
T5-275-20	7762-1433	55	275	.027	T5-630-20	7762-1461	126	630	.061
T5-280-20	7762-1434	56	280	.027	T5-640-20	7762-1462	128	640	.062
T5-295-20	7762-1435	59	295	.029	T5-650-20	7762-1463	130	650	.063
T5-305-20	7762-1436	61	305	.030	T5-660-20	7762-1464	132	660	.064
T5-330-20	7762-1438	66	330	.032	T5-675-20	7762-1465	135	675	.065
T5-340-20	7762-1439	68	340	.033	T5-690-20	7762-1466	138	690	.067
T5-350-20	7762-1440	70	350	.034	T5-700-20	7762-1467	140	700	.068
T5-355-20	7762-1441	71	355	.034	T5-720-20	7762-1468	144	720	.070
T5-365-20	7762-1442	73	365	.035	T5-725-20	7762-0460	145	725	.070
T5-390-20	7762-1443	78	390	.038	T5-750-20	7762-1469	150	750	.073
T5-400-20	7762-1444	80	400	.039	T5-780-20	7762-1470	156	780	.076
T5-410-20	7762-1445	82	410	.040	T5-800-20	7762-0370	160	800	.077
T5-420-20	7762-1446	84	420	.041	T5-815-20	7762-1471	163	815	.079
T5-445-20	7762-1447	89	445	.043	T5-830-20	7762-0610	166	830	.080
T5-450-20	7762-1448	90	450	.044	T5-840-20	7762-1472	168	840	.081
T5-455-20	7762-1449	91	455	.044	T5-850-20	7762-0384	170	850	.082
T5-475-20	7762-1450	95	475	.046	T5-900-20	7762-1473	180	900	.087
T5-480-20	7762-1451	96	480	.046	T5-940-20	7762-1474	188	940	.091
T5-500-20	7762-1452	100	500	.048	T5-990-20	7762-1475	198	990	.096
T5-510-20	7762-1453	102	510	.049	T5-1075-20	7762-1476	215	1075	.104
T5-525-20	7762-1454	105	525	.051	T5-1100-20	7762-1477	220	1100	.106
T5-545-20	7762-1455	109	545	.053	T5-1215-20	7762-1478	243	1215	.118
T5-550-20	7762-1456	110	550	.053	T5-1315-20	7762-1479	263	1315	.127
T5-560-20	7762-1457	112	560	.054	T5-1380-20	7762-1480	276	1380	.134

T5 Pitch — 25mm 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.)
T5-150-25	7762-1490	30	150	.018	T5-420-25	7762-1516	84	420	.051
T5-165-25	7762-1491	33	165	.020	T5-445-25	7762-1517	89	445	.054
T5-180-25	7762-1492	36	180	.022	T5-450-25	7762-1518	90	450	.054
T5-185-25	7762-1493	37	185	.022	T5-455-25	7762-1519	91	455	.055
T5-200-25	7762-1494	40	200	.024	T5-475-25	7762-1520	95	475	.057
T5-215-25	7762-1495	43	215	.026	T5-480-25	7762-1521	96	480	.058
T5-220-25	7762-1496	44	220	.027	T5-500-25	7762-1522	100	500	.061
T5-225-25	7762-1497	45	225	.027	T5-510-25	7762-1523	102	510	.062
T5-245-25	7762-1498	49	245	.030	T5-525-25	7762-1524	105	525	.064
T5-250-25	7762-1499	50	250	.030	T5-545-25	7762-1525	109	545	.066
T5-255-25	7762-1500	51	255	.031	T5-550-25	7762-1526	110	550	.067
T5-260-25	7762-1501	52	260	.031	T5-560-25	7762-1527	112	560	.068
T5-270-25	7762-1502	54	270	.033	T5-575-25	7762-1528	115	575	.070
T5-275-25	7762-1503	55	275	.033	T5-590-25	7762-0497	118	590	.071
T5-280-25	7762-1504	56	280	.034	T5-600-25	7762-0485	120	600	.073
T5-295-25	7762-1505	59	295	.036	T5-610-25	7762-1529	122	610	.074
T5-305-25	7762-1506	61	305	.037	T5-620-25	7762-1530	124	620	.075
T5-330-25	7762-1508	66	330	.040	T5-630-25	7762-1531	126	630	.076
T5-340-25	7762-1509	68	340	.041	T5-640-25	7762-1532	128	640	.077
T5-350-25	7762-1510	70	350	.042	T5-650-25	7762-1533	130	650	.079
T5-355-25	7762-1511	71	355	.043	T5-660-25	7762-1534	132	660	.080
T5-365-25	7762-1512	73	365	.044	T5-675-25	7762-1535	135	675	.082
T5-390-25	7762-1513	78	390	.047	T5-690-25	7762-1536	138	690	.083
T5-400-25	7762-1514	80	400	.048	T5-700-25	7762-1537	140	700	.085
T5-410-25	7762-1515	82	410	.050	T5-720-25	7762-1538	144	720	.087