



SYNCHRO-POWER™

ENDLESS/OPEN-END POLYURETHANE SYNCHRONOUS BELT

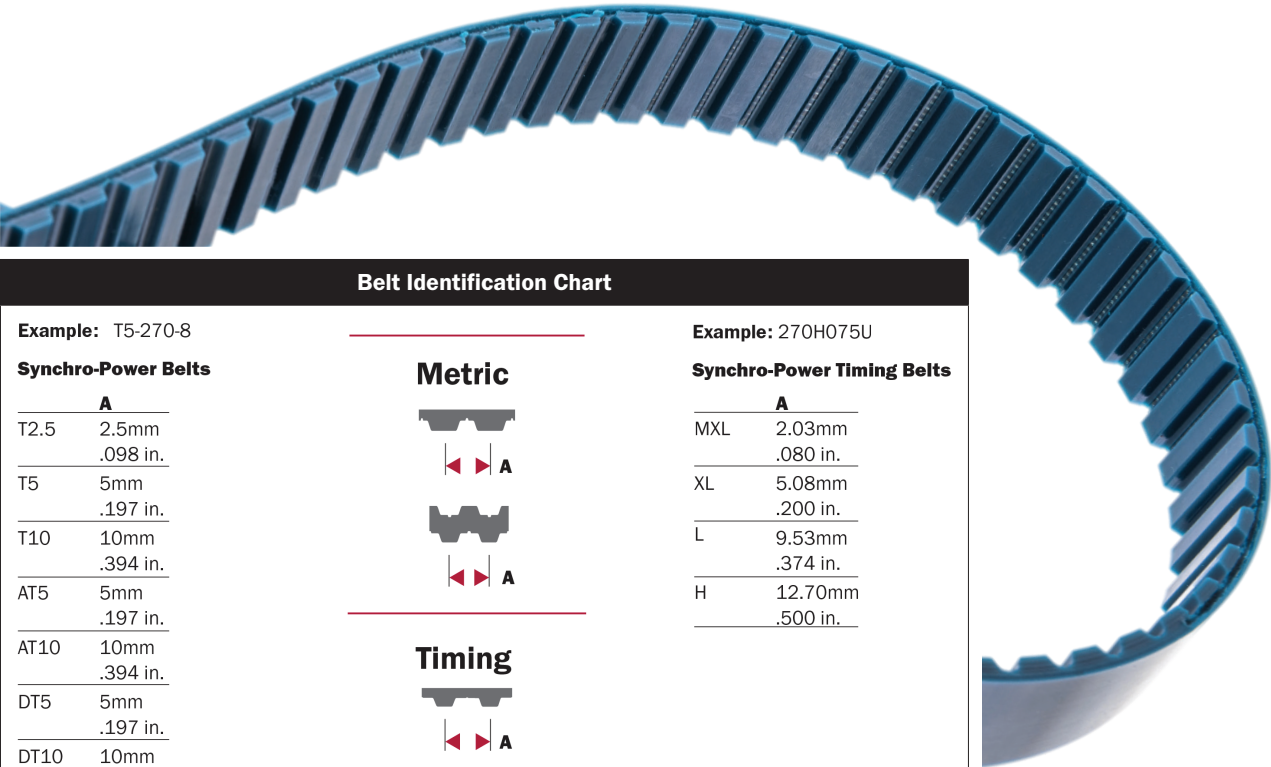
Gates Synchro-Power polyurethane belts are designed for long-lasting and energy efficient performance on both power transmission and linear applications. They are available in both endless and open-end versions in various sizes, constructions and tooth designs, handling a wide range of loads, speeds 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 — 25mm 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.)
T5-725-25	7762-0461	145	725	.088	T5-900-25	7762-1543	180	900	.109
T5-750-25	7762-1539	150	750	.091	T5-940-25	7762-1544	188	940	.114
T5-780-25	7762-1540	156	780	.094	T5-990-25	7762-1545	198	990	.120
T5-800-25	7762-0371	160	800	.097	T5-1075-25	7762-1546	215	1075	.130
T5-815-25	7762-1541	163	815	.099	T5-1100-25	7762-1547	220	1100	.133
T5-830-25	7762-0611	166	830	.100	T5-1215-25	7762-1548	243	1215	.147
T5-840-25	7762-1542	168	840	.102	T5-1315-25	7762-1549	263	1315	.159
T5-850-25	7762-0385	170	850	.103	T5-1380-25	7762-1550	276	1380	.167

T5 Pitch — 32mm 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.)
T5-150-32	7762-1560	30	150	.023	T5-525-32	7762-1594	105	525	.081
T5-165-32	7762-1561	33	165	.026	T5-545-32	7762-1595	109	545	.084
T5-180-32	7762-1562	36	180	.028	T5-550-32	7762-1596	110	550	.085
T5-185-32	7762-1563	37	185	.029	T5-560-32	7762-1597	112	560	.087
T5-200-32	7762-1564	40	200	.031	T5-575-32	7762-1598	115	575	.089
T5-215-32	7762-1565	43	215	.033	T5-590-32	7762-0498	118	590	.091
T5-220-32	7762-1566	44	220	.034	T5-600-32	7762-0486	120	600	.093
T5-225-32	7762-1567	45	225	.035	T5-610-32	7762-1599	122	610	.094
T5-245-32	7762-1568	49	245	.038	T5-620-32	7762-1600	124	620	.096
T5-250-32	7762-1569	50	250	.039	T5-630-32	7762-1601	126	630	.098
T5-255-32	7762-1570	51	255	.039	T5-640-32	7762-1602	128	640	.099
T5-260-32	7762-1571	52	260	.040	T5-650-32	7762-1603	130	650	.101
T5-270-32	7762-1572	54	270	.042	T5-660-32	7762-1604	132	660	.102
T5-275-32	7762-1573	55	275	.043	T5-675-32	7762-1605	135	675	.105
T5-280-32	7762-1574	56	280	.043	T5-690-32	7762-1606	138	690	.107
T5-295-32	7762-1575	59	295	.046	T5-700-32	7762-1607	140	700	.108
T5-305-32	7762-1576	61	305	.047	T5-720-32	7762-1608	144	720	.112
T5-330-32	7762-1578	66	330	.051	T5-725-32	7762-0462	145	725	.112
T5-340-32	7762-1579	68	340	.053	T5-750-32	7762-1609	150	750	.116
T5-350-32	7762-1580	70	350	.054	T5-780-32	7762-1610	156	780	.121
T5-355-32	7762-1581	71	355	.055	T5-800-32	7762-0372	160	800	.124
T5-365-32	7762-1582	73	365	.057	T5-815-32	7762-1611	163	815	.126
T5-390-32	7762-1583	78	390	.060	T5-830-32	7762-0612	166	830	.129
T5-400-32	7762-1584	80	400	.062	T5-840-32	7762-1612	168	840	.130
T5-410-32	7762-1585	82	410	.064	T5-850-32	7762-0386	170	850	.132
T5-420-32	7762-1586	84	420	.065	T5-900-32	7762-1613	180	900	.139
T5-445-32	7762-1587	89	445	.069	T5-940-32	7762-1614	188	940	.146
T5-450-32	7762-1588	90	450	.070	T5-990-32	7762-1615	198	990	.153
T5-455-32	7762-1589	91	455	.070	T5-1075-32	7762-1616	215	1075	.166
T5-475-32	7762-1590	95	475	.074	T5-1100-32	7762-1617	220	1100	.170
T5-480-32	7762-1591	96	480	.074	T5-1215-32	7762-1618	243	1215	.188
T5-500-32	7762-1592	100	500	.077	T5-1315-32	7762-1619	263	1315	.204
T5-510-32	7762-1593	102	510	.079	T5-1380-32	7762-1620	276	1380	.214

T5 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.)
T5-150-50	7762-1630	30	150	.036	T5-245-50	7762-1638	49	245	.059
T5-165-50	7762-1631	33	165	.040	T5-250-50	7762-1639	50	250	.061
T5-180-50	7762-1632	36	180	.044	T5-255-50	7762-1640	51	255	.062
T5-185-50	7762-1633	37	185	.045	T5-260-50	7762-1641	52	260	.063
T5-200-50	7762-1634	40	200	.048	T5-270-50	7762-1642	54	270	.065
T5-215-50	7762-1635	43	215	.052	T5-275-50	7762-1643	55	275	.067
T5-220-50	7762-1636	44	220	.053	T5-280-50	7762-1644	56	280	.068
T5-225-50	7762-1637	45	225	.054	T5-295-50	7762-1645	59	295	.071