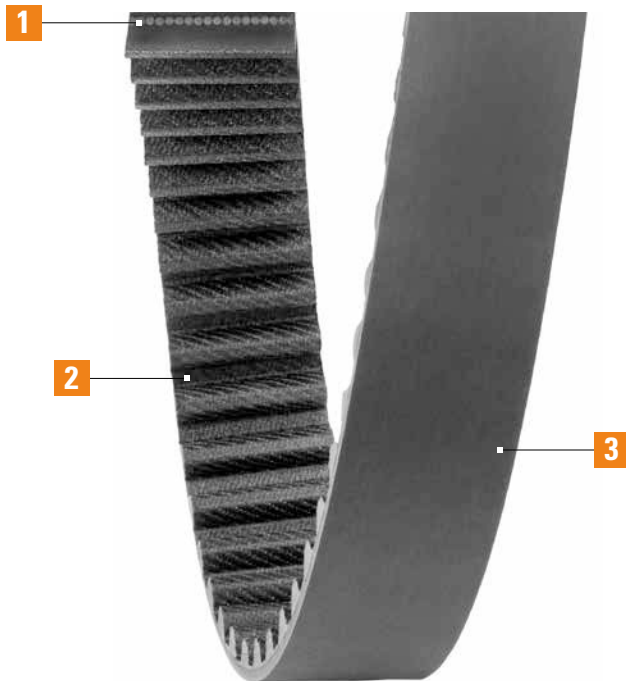


Panther[®]XT

Synchronous Drive Belt

PANTHER^{XT}



1 Carbon Cord Construction

- High-modulus carbon fiber cord
- High tensile strength
- Minimal stretch
- Increased durability

2 Engineered Tooth Fabric

- Low-friction
- Abrasion resistant
- Extended belt life

3 HSN Rubber Compound

- Reduced noise
- High elasticity
- Heat resistant (up to 120°C/248°F)
- Oil resistant
- High hardness
- Improved performance in harsh conditions

Recommended Sprockets:
MPC Sprockets – MPB, Taper Bushed (8mm, 14mm)

Strong...
Like a Panther

Quiet...
Like a Panther

Runs...
Like a Panther

Purrs...
Like a Panther

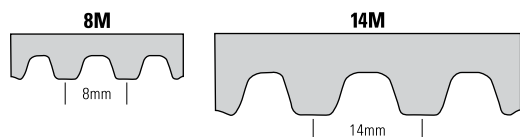
Applications:

- Printing machinery
- Textile equipment
- Packaging machinery
- Compressors
- Roller chain drives
- Drop-in replacement for polyurethane belts
- & More

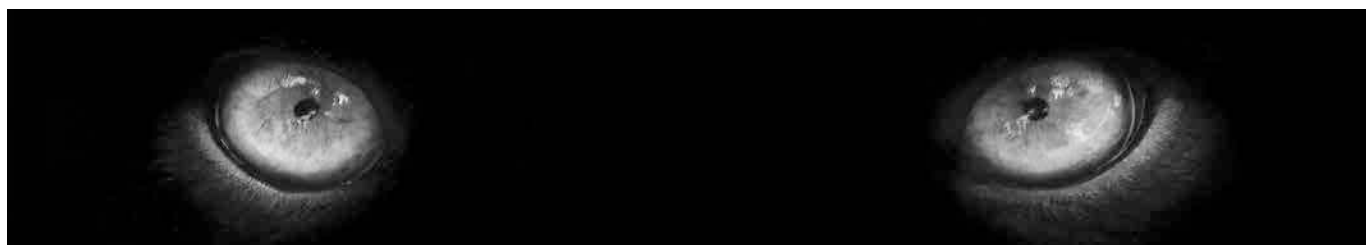
Synchronous Belts

Panther[®]XT

Synchronous Drive Belt



Our Panther[®]XT outlives the pack...by nine lives!



Panther[®]XT...PURRFECT TIMING

The strong, silent type, Panther[®]XT is the high torque synchronous belt that purrrs.

A powerful alternative to chain or a drop-in replacement for polyurethane belts, PantherXT offers higher torque capacity than the Panther[®] synchronous belt and is engineered to run quietly and efficiently in the harshest environments. Naturally agile, PantherXT moves quickly and easily to help achieve power ratings that easily meet or exceed the competition.

Carbon cord construction and abrasion-resistant, low friction tooth fabric promise the equivalent of nine lives of reduced downtime, maintenance, and noise levels.

RUNS like a panther

- PantherXT is engineered to achieve higher power ratings
- Designed for efficiency, PantherXT minimizes drive widths resulting in more compact drive designs and reduced metal costs

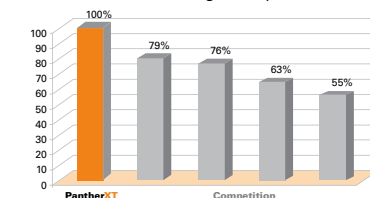
STRONG like a panther

- Carbon cord construction with high tensile strength and minimal stretch increases durability
- Fabric is engineered to be low-friction and abrasion-resistant for extended belt life
- Oil/heat resistant up to 120°C/248°F
- HSN rubber combines high elasticity and hardness for improved performance in harsh environments

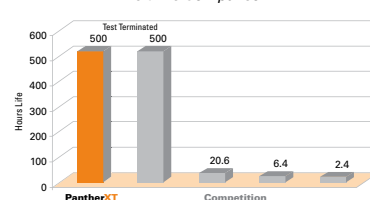
QUIET like a panther

- Rubber construction and special fabric design reduce high frequency noise substantially when compared to polyurethane belt construction

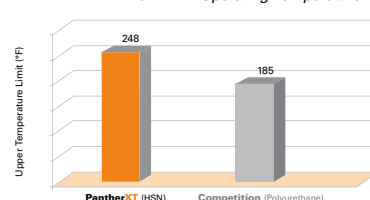
PANTHER[®]XT Break Strength Comparison



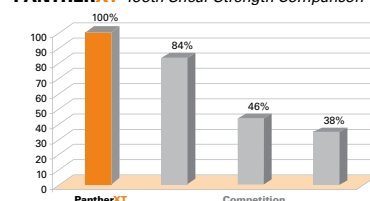
PANTHER[®]XT Belt Life Comparison



PANTHER[®]XT Maximum Operating Temperature



PANTHER[®]XT Tooth Shear Strength Comparison



Panther[®]XT

Synchronous Drive Belt

Panther[®]XT Part Numbers

Part Number Example: **8MXT-640-12** = **8M** **XT** - **640** - **12**
Tooth Pitch PantherXT Construction Pitch Length (millimeters) Width (millimeters)

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
8MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (8mm)				
8MXT-640-12	80	640	25.2	0.08
8MXT-640-21	80	640	25.2	0.14
8MXT-640-36	80	640	25.2	0.24
8MXT-640-62	80	640	25.2	0.41
8MXT-720-12	90	720	28.3	0.09
8MXT-720-21	90	720	28.3	0.16
8MXT-720-36	90	720	28.3	0.27
8MXT-720-62	90	720	28.3	0.46
8MXT-800-12	100	800	31.5	0.10
8MXT-800-21	100	800	31.5	0.17
8MXT-800-36	100	800	31.5	0.30
8MXT-800-62	100	800	31.5	0.51
8MXT-896-12	112	896	35.3	0.11
8MXT-896-21	112	896	35.3	0.19
8MXT-896-36	112	896	35.3	0.33
8MXT-896-62	112	896	35.3	0.57
8MXT-960-12	120	960	37.8	0.12
8MXT-960-21	120	960	37.8	0.21
8MXT-960-36	120	960	37.8	0.36
8MXT-960-62	120	960	37.8	0.62
8MXT-1000-12	125	1000	39.4	0.12
8MXT-1000-21	125	1000	39.4	0.22
8MXT-1000-36	125	1000	39.4	0.37
8MXT-1000-62	125	1000	39.4	0.64
8MXT-1040-12	130	1040	40.9	0.13
8MXT-1040-21	130	1040	40.9	0.23
8MXT-1040-36	130	1040	40.9	0.39
8MXT-1040-62	130	1040	40.9	0.67
8MXT-1120-12	140	1120	44.1	0.14
8MXT-1120-21	140	1120	44.1	0.24
8MXT-1120-36	140	1120	44.1	0.42
8MXT-1120-62	140	1120	44.1	0.72
8MXT-1200-12	150	1200	47.2	0.15

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
8MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (8mm)				
8MXT-1200-21	150	1200	47.2	0.26
8MXT-1200-36	150	1200	47.2	0.45
8MXT-1200-62	150	1200	47.2	0.77
8MXT-1224-12	153	1224	48.2	0.15
8MXT-1224-21	153	1224	48.2	0.27
8MXT-1224-36	153	1224	48.2	0.46
8MXT-1224-62	153	1224	48.2	0.78
8MXT-1280-12	160	1280	50.4	0.16
8MXT-1280-21	160	1280	50.4	0.28
8MXT-1280-36	160	1280	50.4	0.48
8MXT-1280-62	160	1280	50.4	0.82
8MXT-1440-12	180	1440	56.7	0.18
8MXT-1440-21	180	1440	56.7	0.31
8MXT-1440-36	180	1440	56.7	0.54
8MXT-1440-62	180	1440	56.7	0.92
8MXT-1600-12	200	1600	63.0	0.20
8MXT-1600-21	200	1600	63.0	0.35
8MXT-1600-36	200	1600	63.0	0.60
8MXT-1600-62	200	1600	63.0	1.03
8MXT-1760-12	220	1760	69.3	0.22
8MXT-1760-21	220	1760	69.3	0.38
8MXT-1760-36	220	1760	69.3	0.66
8MXT-1760-62	220	1760	69.3	1.13
8MXT-1792-12	224	1792	70.6	0.22
8MXT-1792-21	224	1792	70.6	0.39
8MXT-1792-36	224	1792	70.6	0.67
8MXT-1792-62	224	1792	70.6	1.15
8MXT-2000-12	250	2000	78.7	0.25
8MXT-2000-21	250	2000	78.7	0.43
8MXT-2000-36	250	2000	78.7	0.74
8MXT-2000-62	250	2000	78.7	1.28
8MXT-2200-12	275	2200	86.6	0.27
8MXT-2200-21	275	2200	86.6	0.48

Panther[®]XT

Synchronous Drive Belt

Panther[®]XT Part Numbers

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
8MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (8mm)				
8MXT-2200-36	275	2200	86.6	0.82
8MXT-2200-62	275	2200	86.6	1.41
8MXT-2240-12	280	2240	88.2	0.28
8MXT-2240-21	280	2240	88.2	0.49
8MXT-2240-36	280	2240	88.2	0.83
8MXT-2240-62	280	2240	88.2	1.44
8MXT-2400-12	300	2400	94.5	0.30
8MXT-2400-21	300	2400	94.5	0.52
8MXT-2400-36	300	2400	94.5	0.89
8MXT-2400-62	300	2400	94.5	1.54
8MXT-2520-12	315	2520	99.2	0.31
8MXT-2520-21	315	2520	99.2	0.55
8MXT-2520-36	315	2520	99.2	0.94
8MXT-2520-62	315	2520	99.2	1.62
8MXT-2600-12	325	2600	102.4	0.32
8MXT-2600-21	325	2600	102.4	0.56
8MXT-2600-36	325	2600	102.4	0.97
8MXT-2600-62	325	2600	102.4	1.67
8MXT-2800-12	350	2800	110.2	0.35
8MXT-2800-21	350	2800	110.2	0.61
8MXT-2800-36	350	2800	110.2	1.04
8MXT-2800-62	350	2800	110.2	1.79
8MXT-2840-12	355	2840	111.8	0.35
8MXT-2840-21	355	2840	111.8	0.62
8MXT-2840-36	355	2840	111.8	1.06
8MXT-2840-62	355	2840	111.8	1.82
8MXT-3048-12	381	3048	120.0	0.38
8MXT-3048-21	381	3048	120.0	0.66
8MXT-3048-36	381	3048	120.0	1.13
8MXT-3048-62	381	3048	120.0	1.95
8MXT-3200-12	400	3200	126.0	0.40
8MXT-3200-21	400	3200	126.0	0.69
8MXT-3200-36	400	3200	126.0	1.19

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
8MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (8mm)				
8MXT-3200-62	400	3200	126.0	2.05
8MXT-3280-12	410	3280	129.1	0.41
8MXT-3280-21	410	3280	129.1	0.71
8MXT-3280-36	410	3280	129.1	1.22
8MXT-3280-62	410	3280	129.1	2.10
8MXT-3600-12	450	3600	141.7	0.45
8MXT-3600-21	450	3600	141.7	0.78
8MXT-3600-36	450	3600	141.7	1.34
8MXT-3600-62	450	3600	141.7	2.31
8MXT-4000-12	500	4000	157.5	0.50
8MXT-4000-21	500	4000	157.5	0.87
8MXT-4000-36	500	4000	157.5	1.49
8MXT-4000-62	500	4000	157.5	2.56
8MXT-4400-12	550	4400	173.2	0.55
8MXT-4400-21	550	4400	173.2	0.96
8MXT-4400-36	550	4400	173.2	1.64
8MXT-4400-62	550	4400	173.2	2.82
8MXT-4480-12	560	4480	176.4	0.56
8MXT-4480-21	560	4480	176.4	0.97
8MXT-4480-36	560	4480	176.4	1.67
8MXT-4480-62	560	4480	176.4	2.87
14MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (14mm)				
14MXT-994-20	71	994	39.1	0.36
14MXT-994-37	71	994	39.1	0.67
14MXT-994-68	71	994	39.1	1.24
14MXT-994-90	71	994	39.1	1.64
14MXT-994-125	71	994	39.1	2.28
14MXT-1120-20	80	1120	44.1	0.41
14MXT-1120-37	80	1120	44.1	0.76
14MXT-1120-68	80	1120	44.1	1.40
14MXT-1120-90	80	1120	44.1	1.85
14MXT-1120-125	80	1120	44.1	2.57

Panther[®]XT

Synchronous Drive Belt

Part Number Example: **14MXT-1400-90** = **14M** **XT** - **1400** - **90**

Tooth Pitch
PantherXT Construction
Pitch Length (millimeters)
Width (millimeters)

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
14MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (14mm)				
14MXT-1190-20	85	1190	46.9	0.44
14MXT-1190-37	85	1190	46.9	0.81
14MXT-1190-68	85	1190	46.9	1.48
14MXT-1190-90	85	1190	46.9	1.96
14MXT-1190-125	85	1190	46.9	2.73
14MXT-1260-20	90	1260	49.6	0.46
14MXT-1260-37	90	1260	49.6	0.86
14MXT-1260-68	90	1260	49.6	1.57
14MXT-1260-90	90	1260	49.6	2.08
14MXT-1260-125	90	1260	49.6	2.89
14MXT-1400-20	100	1400	55.1	0.51
14MXT-1400-37	100	1400	55.1	0.95
14MXT-1400-68	100	1400	55.1	1.75
14MXT-1400-90	100	1400	55.1	2.31
14MXT-1400-125	100	1400	55.1	3.21
14MXT-1568-20	112	1568	61.7	0.58
14MXT-1568-37	112	1568	61.7	1.06
14MXT-1568-68	112	1568	61.7	1.96
14MXT-1568-90	112	1568	61.7	2.59
14MXT-1568-125	112	1568	61.7	3.60
14MXT-1610-20	115	1610	63.4	0.59
14MXT-1610-37	115	1610	63.4	1.09
14MXT-1610-68	115	1610	63.4	2.01
14MXT-1610-90	115	1610	63.4	2.66
14MXT-1610-125	115	1610	63.4	3.69
14MXT-1750-20	125	1750	68.9	0.64
14MXT-1750-37	125	1750	68.9	1.19
14MXT-1750-68	125	1750	68.9	2.18
14MXT-1750-90	125	1750	68.9	2.89
14MXT-1750-125	125	1750	68.9	4.01
14MXT-1890-20	135	1890	74.4	0.69
14MXT-1890-37	135	1890	74.4	1.28
14MXT-1890-68	135	1890	74.4	2.36

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
14MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (14mm)				
14MXT-1890-90	135	1890	74.4	3.12
14MXT-1890-125	135	1890	74.4	4.33
14MXT-1960-20	140	1960	77.2	0.72
14MXT-1960-37	140	1960	77.2	1.33
14MXT-1960-68	140	1960	77.2	2.44
14MXT-1960-90	140	1960	77.2	3.24
14MXT-1960-125	140	1960	77.2	4.49
14MXT-2100-20	150	2100	82.7	0.77
14MXT-2100-37	150	2100	82.7	1.43
14MXT-2100-68	150	2100	82.7	2.62
14MXT-2100-90	150	2100	82.7	3.47
14MXT-2100-125	150	2100	82.7	4.81
14MXT-2240-20	160	2240	88.2	0.82
14MXT-2240-37	160	2240	88.2	1.52
14MXT-2240-68	160	2240	88.2	2.79
14MXT-2240-90	160	2240	88.2	3.70
14MXT-2240-125	160	2240	88.2	5.14
14MXT-2310-20	165	2310	90.9	0.85
14MXT-2310-37	165	2310	90.9	1.57
14MXT-2310-68	165	2310	90.9	2.88
14MXT-2310-90	165	2310	90.9	3.81
14MXT-2310-125	165	2310	90.9	5.30
14MXT-2380-20	170	2380	93.7	0.87
14MXT-2380-37	170	2380	93.7	1.62
14MXT-2380-68	170	2380	93.7	2.97
14MXT-2380-90	170	2380	93.7	3.93
14MXT-2380-125	170	2380	93.7	5.46
14MXT-2450-20	175	2450	96.5	0.90
14MXT-2450-37	175	2450	96.5	1.66
14MXT-2450-68	175	2450	96.5	3.06
14MXT-2450-90	175	2450	96.5	4.04
14MXT-2450-125	175	2450	96.5	5.62
14MXT-2520-20	180	2520	99.2	0.92

Panther[®]XT

Synchronous Drive Belt

Panther[®]XT Part Numbers

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
14MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (14mm)				
14MXT-2520-37	180	2520	99.2	1.71
14MXT-2520-68	180	2520	99.2	3.14
14MXT-2520-90	180	2520	99.2	4.16
14MXT-2520-125	180	2520	99.2	5.78
14MXT-2590-20	185	2590	102.0	0.95
14MXT-2590-37	185	2590	102.0	1.76
14MXT-2590-68	185	2590	102.0	3.23
14MXT-2590-90	185	2590	102.0	4.28
14MXT-2590-125	185	2590	102.0	5.94
14MXT-2660-20	190	2660	104.7	0.98
14MXT-2660-37	190	2660	104.7	1.81
14MXT-2660-68	190	2660	104.7	3.32
14MXT-2660-90	190	2660	104.7	4.39
14MXT-2660-125	190	2660	104.7	6.10
14MXT-2800-20	200	2800	110.2	1.03
14MXT-2800-37	200	2800	110.2	1.90
14MXT-2800-68	200	2800	110.2	3.49
14MXT-2800-90	200	2800	110.2	4.62
14MXT-2800-125	200	2800	110.2	6.42
14MXT-3136-20	224	3136	123.5	1.15
14MXT-3136-37	224	3136	123.5	2.13
14MXT-3136-68	224	3136	123.5	3.91
14MXT-3136-90	224	3136	123.5	5.18
14MXT-3136-125	224	3136	123.5	7.19
14MXT-3304-20	236	3304	130.1	1.21
14MXT-3304-37	236	3304	130.1	2.24
14MXT-3304-68	236	3304	130.1	4.12
14MXT-3304-90	236	3304	130.1	5.45
14MXT-3304-125	236	3304	130.1	7.58
14MXT-3360-20	240	3360	132.3	1.23
14MXT-3360-37	240	3360	132.3	2.28
14MXT-3360-68	240	3360	132.3	4.19
14MXT-3360-90	240	3360	132.3	5.55

Part Number Example: **14MXT-2520-90** =

14M	XT	- 2520	- 90
Tooth Pitch	PantherXT Construction	Pitch Length (millimeters)	Width (millimeters)

Part Number	Number Of Teeth	Pitch Length		Weight (lbs)
		(mm)	(in)	
14MXT Pitch – Recommended Sprockets: MPC Sprockets – MPB, Taper Bushed (14mm)				
14MXT-3360-125	240	3360	132.3	7.70
14MXT-3500-20	250	3500	137.8	1.28
14MXT-3500-37	250	3500	137.8	2.38
14MXT-3500-68	250	3500	137.8	4.37
14MXT-3500-90	250	3500	137.8	5.78
14MXT-3500-125	250	3500	137.8	8.02
14MXT-3850-20	275	3850	151.6	1.41
14MXT-3850-37	275	3850	151.6	2.61
14MXT-3850-68	275	3850	151.6	4.80
14MXT-3850-90	275	3850	151.6	6.36
14MXT-3850-125	275	3850	151.6	8.83
14MXT-3920-20	280	3920	154.3	1.44
14MXT-3920-37	280	3920	154.3	2.66
14MXT-3920-68	280	3920	154.3	4.89
14MXT-3920-90	280	3920	154.3	6.47
14MXT-3920-125	280	3920	154.3	8.99
14MXT-4326-20	309	4326	170.3	1.59
14MXT-4326-37	309	4326	170.3	2.94
14MXT-4326-68	309	4326	170.3	5.40
14MXT-4326-90	309	4326	170.3	7.14
14MXT-4326-125	309	4326	170.3	9.92
14MXT-4410-20	315	4410	173.6	1.62
14MXT-4410-37	315	4410	173.6	2.99
14MXT-4410-68	315	4410	173.6	5.50
14MXT-4410-90	315	4410	173.6	7.28
14MXT-4410-125	315	4410	173.6	10.11