



Technical Datasheet		PolySprint™ Belt type	Conveyor Belt GTD	PS-057 ver.0																										
Applications																														
<ul style="list-style-type: none"> ▪ Bookbinding machine ▪ Postal machine ▪ Light duty conveyor 																														
Construction																														
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<p>©Please contact Nitta if you need other dimensions.</p> <p>Regulatory compliance</p> <p>RoHS(2011/65/EC) REACH regulation</p>		<table border="0"> <tr> <td colspan="2">Dynamic properties</td> </tr> <tr> <td style="background-color: #e6f2ff;">Standard elongation</td> <td style="text-align: right;">5.0%</td> </tr> <tr> <td style="background-color: #e6f2ff;">Tension after relaxation at 5.0%[*]</td> <td style="text-align: right;">1.1N/mm</td> </tr> <tr> <td style="background-color: #e6f2ff;">Initial tension at 8.0%</td> <td style="text-align: right;">3.5N/mm</td> </tr> <tr> <td style="background-color: #e6f2ff;">Tension after relaxation at 8.0%[*]</td> <td style="text-align: right;">1.8N/mm</td> </tr> <tr> <td style="background-color: #e6f2ff;">Operating temperature range</td> <td style="text-align: right;">0~60°C</td> </tr> </table>		Dynamic properties		Standard elongation	5.0%	Tension after relaxation at 5.0% [*]	1.1N/mm	Initial tension at 8.0%	3.5N/mm	Tension after relaxation at 8.0% [*]	1.8N/mm	Operating temperature range	0~60°C	<table border="0"> <tr> <td colspan="2">Coefficient of friction</td> </tr> <tr> <td style="background-color: #e6f2ff;">Top vs. Steel</td> <td style="text-align: right;">0.7~0.8</td> </tr> <tr> <td style="background-color: #e6f2ff;">vs. Paper</td> <td style="text-align: right;">0.8~0.9</td> </tr> <tr> <td style="background-color: #e6f2ff;">Bottom vs. Steel</td> <td style="text-align: right;">0.3~0.4</td> </tr> <tr> <td style="background-color: #e6f2ff;">vs. Paper</td> <td style="text-align: right;">0.4~0.5</td> </tr> <tr> <td style="background-color: #e6f2ff;">vs. Lagged pulley</td> <td style="text-align: right;">0.5~0.7</td> </tr> <tr> <td style="background-color: #e6f2ff;">vs. POM (resin)</td> <td style="text-align: right;">0.3~0.5</td> </tr> </table>	Coefficient of friction		Top vs. Steel	0.7~0.8	vs. Paper	0.8~0.9	Bottom vs. Steel	0.3~0.4	vs. Paper	0.4~0.5	vs. Lagged pulley	0.5~0.7	vs. POM (resin)	0.3~0.5
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Features																														
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