## Technical Data Sheet

**Belt type**: NITTA BELT POLY

**Belt type**: NRT-500

### Main uses

A belt for conveying corrugated cardboards

### No. | Item | Description | Remarks
--- | --- | --- | ---
1 | Specification | Construction | 
| | | | 
| | | | 
| | | | 
| | | | 
| | | | 

### No. | Item | Description | Remarks
--- | --- | --- | ---
2 | Dimensions | Width | 20 to 480 [mm] | Antistatic
| | Length | 1,000 to 50,000 [mm] | Yes
| | Thickness | Approx.6.0 [mm] | 
| | Joint | Skived or Step joint | 

### No. | Item | Description | Remarks
--- | --- | --- | ---
3 | Properties | Tensile strength | 150 [N/mm] | Test speed: 50mm/min
| | Elongation at break | 20 (%) | Ambient condition: 23°C*50%
| | Recomended elongation | 1 (%) | 
| | Tension at 1% | 3.8 [N/mm] | Ambient condition: 23°C*50%
| | Minimum pulley dia. | 90 [mm] | 
| | Temperature range | -20 to +80°C (°C) | 
| | Coefficient of friction | Approx.1(Cardboard) (Blue side) | Measuring condition: 7kPa*1mm/s
| | | 0.5 to 0.6(Steel) (Black side) | Ambient condition: 23°C*50%
| | Mass | 5.6 [kg/m²] | 

### No. | Item | Description | Remarks
--- | --- | --- | ---
4 | Features | Higher friction coefficient and better abrasion resistance | 

---

Ver.2005-02

NITTA CORPORATION

Technical Data Sheet

**NITTA BELT POLY**

**No.**

**P-231**