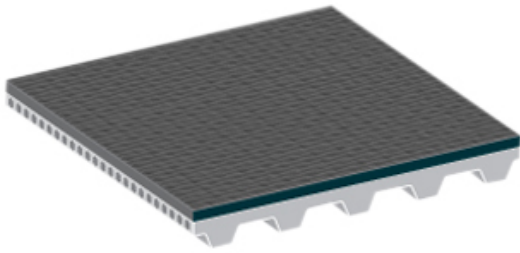


Coating Data Sheet



Designation

| | |
|------------------------------|--------------------|
| Coating type description OLD | UU 20U Black/Green |
| Coating type description NEW | PU 85/NSTR |

Design

| | |
|------------------|---------------------------------|
| Coating Material | Polyurethane (thermoplastic) |
| Colour | Black |
| Surface pattern | Textile structure |

Technical data

| | |
|--|--|
| Hardness [Shore(A)] | 85 |
| Density [kg/m ³] | |
| Coating thickness min. [mm] | 1.0 |
| Coating thickness max. [mm] | 1.0 |
| d factor * | 10 |
| Minimum pulley diameter D _{min} (approx.) [mm] | [d factor] x [selected coating thickness] |
| Minimum operating temperature [°C] | -20 |
| Maximum operating temperature [°C] | 60 |

Coefficient of static friction

| | |
|---------------------|------|
| against PE foil | 0.30 |
| against wood | 0.45 |
| against sheet glass | 0.42 |
| against cardboard | 0.56 |
| against aluminium | 0.53 |
| against steel sheet | 0.52 |

Coating Data Sheet

Properties

| | |
|----------------------------|----------------|
| Electrostatic properties | non-conductive |
| Wear resistance | high |
| Compressibility | No |
| Product release properties | medium |
| Cleanability | effortful |

Chemical resistance

| | |
|--------------------------------|-----------------------|
| General chemical resistance to | Generic fats and oils |
|--------------------------------|-----------------------|

Special Fabrication

| | |
|----------|-----|
| Sanding | No |
| Milling | No |
| Punching | Yes |

Applications

Paper / Cardboard conveying, General conveying

General remarks

High chemical resistance. Excellent cut and wear resistance.