

Product identification	H 5 LT	Article number	30100012
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Product group	high duty flat belt
Function	power transmission
Application	flat belt transmission, saw mill drives, mill drive, water turbines, mills and lathes
Industry	power generation, wood industry

Product construction

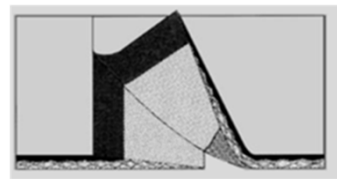
Material friction cover	leather
Characteristics friction cover	grinded
Color friction cover	grey
Thickness friction cover	1.2 mm
Material traction layer	polyamide
Material reverse cover	polyamide fabric
Characteristics reverse cover	fabric structure
Color reverse cover	black
Thickness reverse cover	uncoated

Product characteristics

Total thickness	2.2 mm (± 0.3 mm)
Belt weight	2.2 kg/m ²
Standard production width	500 mm
Maximum tensile force	220 N/mm
-at 1% elongation	5 N/mm
Minimum pulley diameter	40 mm
Operating temperatures	Min: -20 °C -4 °F Max: 80 °C 176 °F
Permanently antistatic DIN EN 20284	yes
Flammability DIN EN 20340	no
Chemical resistance	oil and grease resistant

Endless joining

Recommended joining	wedge joining
Joining length	60 mm



Joining material

Polyamide glue	Glue F
Rubber glue	---
Additional material	1C solution

Note

Apply 1C solution to the leather before the Glue F and dry. Then apply Glue F and allow to evaporate for approx. 5 min. Hot bonding can be used after 24 h.

Joining parameters

Pressing temperatures	120 °C 248 °F
Pressing time	30 min



Alternative joining methods

Finger joining	no
Step joining	no
Mechanical joining	G001

The listed performance data, information on application and use are only recommendations and were identified under normal conditions and are subject to the changes through continuous development. Since the VIS GmbH has no influence on the specific conditions of use, there can be differences in the data and information. Therefore, no liability can be accepted for the qualification of the product for the specific application.