

<b>Product identification</b>	<b>H 12 GT</b>	<b>Article number</b>	<b>30100008</b>
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<b>Product group</b>	high duty flat belt
<b>Function</b>	power transmission
<b>Application</b>	flat belt transmission, idler transmission, air installation, restraints, mill drive
<b>Industry</b>	power generation

## Product construction

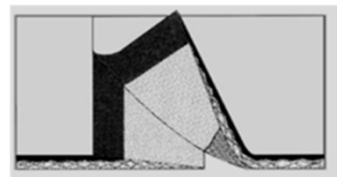
Material friction cover	elastomer
Characteristics friction cover	rough structured
Color friction cover	black
Thickness friction cover	1.0 mm
Material traction layer	polyamide
Material reverse cover	polyamide fabric
Characteristics reverse cover	fabric structure
Color reverse cover	black
Thickness reverse cover	uncoated

## Product characteristics

Total thickness	2.6 mm (± 0.2 mm)
Belt weight	2.9 kg/m <sup>2</sup>
Standard production width	500 mm
Maximum tensile force	500 N/mm
-at 1% elongation	12 N/mm
Minimum pulley diameter	90 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	80 mm



## Joining material

Polyamide glue	Glue F
Rubber glue	Total Syntic
Additional material	---

### Note

Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.

## Joining parameters

Pressing temperatures	120 °C                      248 °F
Pressing time	40 min



## Alternative joining methods

Finger joining	no
Step joining	no
Mechanical joining	G003

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.