Product Data Sheet

Product identification	**H 7 GT**	**Article number**	**30100007**

Product group	high duty flat belt
Function	power transmission
Application	flat belt transmission, idler transmission, air installation, restraints, mill drive, weighing
Industry	logistics, packaging, power generation

Product construction

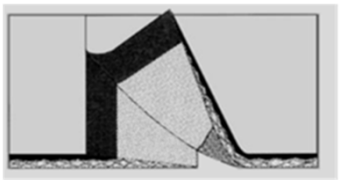
Material friction cover	elastomer
Characteristics friction cover	rough structured
Color friction cover	black
Thickness friction cover	0.7 mm
Material traction layer	polyamide
Material reverse cover	polyamide fabric
Characteristics reverse cover	fabric structure
Color reverse cover	black
Thickness reverse cover	uncoated

Product characteristics

Total thickness	1.8 mm (± 0.2 mm)
Belt weight	1.8 kg/m²
Standard production width	500 mm
Maximum tensile force	320 N/mm
-at 1% elongation	7 N/mm
Minimum pulley diameter	50 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

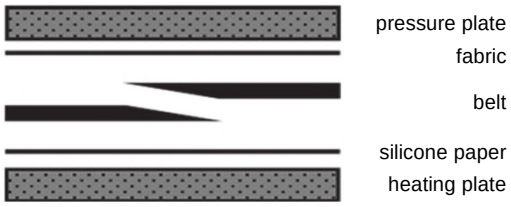


Joining material

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	30 min	



Alternative joining methods

Finger joining	no
Step joining	no
Mechanical joining	G001