

Gripmelt® DB-1 Hot melt pressure sensitive adhesive

DB-1 is a 100 % solid hot-melt PSA with an excellent high temperature (140°F~176°F) / (60°C~80°C) adhesion. It can tolerate high temperature and is successfully used for certain automotive application such as wrapping tape to bundle wires in hood.

General properties	Appearance	Transparent
	Viscosity	17000~23000cps at 347°F / 175°C
	Softening point	239°F ~257°F / 115°C~125°C
	Recommend coating temperature	320°F ~356°F / 160°C~180°C
	Recommend coating method	Applicable to all standard hot melt coating system
	Scorching temperature	> 480°F / 250°C
Adhesion properties	180°Peel (PSTC-101)	60 oz/inch / 17N/25mm dwell time (20min)
	90°Peel (PSTC-101)	38 oz/inch / 10N/25mm dwell time (20min)
	Tack (PSTC-6)	27.5 inch / 70cm
	Loop tack (PSTC-16)	56 oz/inch / 15N/25mm
	Shear resistance (PSTC-107)	72h (1000g/ inch2) dwell time (20min)
	SAFT (shear adhesion failure temperature)	208°F / 98°C (0.5°C /min, 500g/inch2)
	(25 g/m² adhesive directed coated on 1mil thickness polyester film, bonded to stainless steel panel)	

◆ **Attention**

1. Do not mix it with other adhesives.
2. The adhesive container should be tightly closed to avoid contamination.
3. Operators should wear personal protective equipments, especially prepared to prevent from burning.

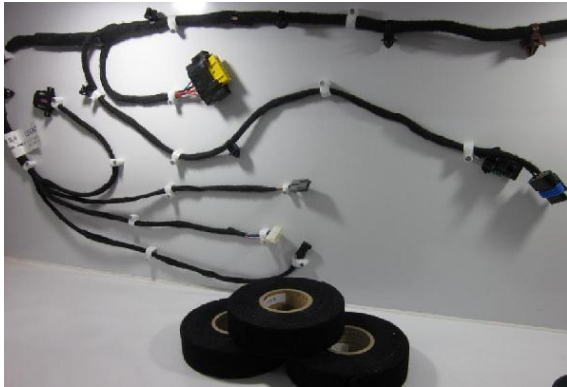
◆ **Storage and Shelf time**

The adhesive has at least one year shelf life stability, and is required to store at environment of less than 140°F/ 60°C.

◆ **Packaging**

55lb/box / 25Kg/box

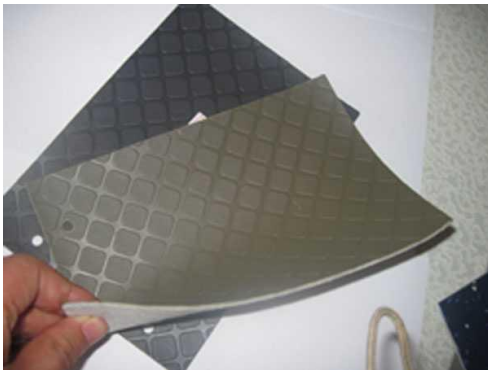
◆ Application example:



Wire harness Tape for automobile



Wire harness Tape for automobile



Application for PVC floor bonding

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