

TECHNOMELT PS 8744

Known as Liofol Q 8744
April 2013

PRODUCT DESCRIPTION

TECHNOMELT PS 8744 has the following product characteristics:

Technology	Synthetic Rubber
Product Type	Pressure-sensitive adhesive
Condition	Solvent-free
Components	One-component
Application	Handle Patching
Cure	Non-curing
Appearance	bright yellow
TECHNOMELT PS 8744	

Application Areas:

TECHNOMELT PS 8744 has been developed for the solvent-free handle patching of polyethylene carrier bags, especially on the Interimat DKT machine type made by Lehmacher, Germany.
TECHNOMELT PS 8744 is **NOT suitable** for soft-PVC films.

Product Properties:

Due to its very high surface tackiness TECHNOMELT PS 8744 performs well even on untreated polyethylene. An additional pretreatment is not necessary for the most common film types. Upon use of printing ink in the handle patching area trials are necessary to avoid blocking effects.

TECHNICAL DATA

Solid Content, %	100
Viscosity, Brookfield - RVTDV II, 150 °C, mPas:	2,500 to 4,500
Softening Point (Ring & Ball), °C	83 to 95
Working Temperature, °C	130 to 160
Volumetric Density, g/cm ³	1.0

DIRECTIONS OF USE

Preliminary Statement:

Prior to application it is necessary to read the Safety Data Sheet for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Working Temperature:

Suitable working temperature: 130 to 160 °C

If the adhesive is heated up too long or too high the optical appearance and the bonding properties may be affected negatively. Therefore, the working temperature must be controlled with care.

Average viscosities:

Temperature	Viscosity
120 °C	15 000 mPas
130 °C	10 000 mPas
140 °C	7 000 mPas
150 °C	5 000 mPas
160 °C	3 500 mPas

Application Weight:

2 to 4 g/m² dry - depending on the substrate
As no solvent or drying is necessary a safe, economic and ecological production can be realised.

Application:

Hotmelt application system

Cleaning:

For the cleaning we recommend our cleaning agent V 1910.

STORAGE

Shelf life:

Shelf-life (in unopened original packaging), months	12
Recommended Storage Temperature	room temperature

Classification:

Please refer to the corresponding **safety data sheets** for details on:

Hazardous Information
Transport Regulations
Safety Regulations
Waste Disposal

ADDITIONAL INFORMATION

Product Range:

Apart from TECHNOMELT PS 8744 we can offer the following products for the manufacture of film/foil laminates:

- Solventbased, solventless and waterbased laminating adhesives for flexible packaging and special applications
- Adhesives for High Gloss Lamination
- Primer for Extrusion and PVDC-coating
- Coldseal Adhesives
- Heatseal Coatings
- Special Cleaning agents

To obtain product specifications please ask for the relevant technical datasheets.

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