

Technomelt Q 4209

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Loctite - Teroson - Henkel

High viscous hotmelt adhesive
with high temperature creep resistance

Basis: Polyolefin

Issue: 08.07.2005

Product Description

Technomelt Q 4209 is a high viscous hotmelt adhesive, based on Polyolefines. It is characterized by a high temperature creep resistance and forms an elastic film.

Application Areas

Technomelt Q 4209 is used in Filter industry. Due to excellent adhesion on PP Technomelt Q 4209 is used to bond units of PP especially where low fogging values are required. Further applications are possible upon request.

Technical Data

		Method
Colour:	beige	
Density:	approx. 0,98 g/cm ³	ASTM D 972
Solids:	100%	
Softening Point (R & B):	155 - 165°C	ASTM E 28
Viscosity (Brookfield, Spindle 27)		
at 180°C: ⁽¹⁾	27.000 – 39.000 mPa.s	ASTM D 3236
at 200°C:	18.000 – 26.000 mPa.s	ASTM D 3236
Application temperature:	180 – 200°C	

⁽¹⁾ valid for delivery specification

Application

Preliminary remark

Prior to application it is necessary to read the **Safety Data Sheet** for information about precautionary procedures and safety recommendations. For chemical products, additionally to the compulsory labelling, the relevant precautions should always be observed.

Preparation

The substrates must be dry, free of oil, grease and dust.



Technologies
Industrial Adhesives

Application

Technomelt Q 4209 is applied by melting equipment with gear pump.

The usual processing range is between 180 – 200°C.

While processing, take care to maintain a gentle thermal load by keeping the recommended working temperature range, because overheating or too often repeated melting may cause quality changes in the adhesive. The stated processing temperatures are standard values which, according to the processing method, may vary within certain limits.

Apply the adhesive as closely as possible to the site where the parts to be bonded are joined and in a thickness ensuring complete and intensive contact to both surfaces. When the materials which are bonded have different adhesion properties apply the adhesive to the surface which is more difficult to bond.

If this is not possible, it is recommended to increase the application temperature and/or the thickness of the adhesive layer applied.

Immediately after joining, keep the parts together until the bonded joint is held by the adhesive itself. The required is depending on the recovery force of the material to be bonded, the "hot tack" and the solidification properties of the adhesive.

Cleaning

For the cleaning of the application equipment we recommend to use our Cleaner V1960.

Storage

Frost-sensitive	No
Recommended storage temp.	10°C to 35°C
Shelf-life	24 months

Packaging

Bags	25 kg
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Hazard Indications/ Safety Recommendations/ Transport Regulations	see Safety Data Sheet
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Important

The above data, particularly the recommendations for application and use of our products are based on our knowledge and experience. Due to the different materials and conditions of application which are beyond our knowledge and control we recommend strongly to carry out sufficient tests in order to ensure that our products are suitable for the intended processes and applications. Except for willful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.

This Technical Data Sheet supersedes all previous editions.

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