Technical Data Sheet

TECHNOMELT® PS 1563

April 2026

PRODUCT DESCRIPTION

TECHNOMELT® PS 1563 provides the following product characteristics:

Technology	Synthetic rubber
Chemical type	PSA hot melt adhesive
Cure	Physical setting
Appearance	Light yellow solid
Components	One-component
Viscosity	Low to medium
Application	VIP bonding for refrigerator
Application temperature	160°C to 180°C
Specific benefits	• Pressure sensitive adhesive • Good workability for large surface bonding • High peel strength • Strong thermal creep resistance

TECHNOMELT® PS 1563 is a one-component industrial grade PSA hot melt adhesive. Once applied, TECHNOMELT® PS 1563 solidifies to form a tough, resilient adhesive with good heat stability and bond strength. Typical applications include VIP (vacuum insulation panel) bonding. It is a versatile adhesive for many substrates such as PCM/VCM/GA and PET film.

TYPICAL PROPERTIES

Specific gravity	
ISO 1183, @ 23°C	~1.0
Softening point, °C	
ASTM E28 (in glycerin)	93
Melt viscosity, mPas	
ASTM D 3236 (RVT, spindle 27)	
Viscosity @ 160°C, mPas	15,300
Viscosity @ 170°C, mPas	10,350
Viscosity @ 180°C, mPas	6,900

TYPICAL PERFORMANCE

Tested @ 23 °C

180º Peel strength, ISO 8510-2, kgf/25mm	
PCM	7
VCM	7
GA	5

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Directions for use

1. Use gloves to minimize skin contact. DO NOT use solvents for cleaning hands.
2. The surfaces of the substrate must be dry and free from oil, grease, and dust.
3. Hotmelt application system with roll coating or spray is recommended.
4. Do not heat the product above the specified application temperature range.
5. When the product is not in use do not apply heat, this will degrade the quality of the product and in extreme cases cause carbonization or charring.
6. Carbonized material must be removed mechanically.
7. To internally clean the system add TECHNOMELT® PUR CLEANER 2 to reservoir and continue to purge material until it comes out blue in colour.
8. For cold cleaning of surface soiling on application equipment, conveyor belts or other machine parts TECHNOMELT® CLEANER MELT-O-CLEAN can be applied. It is based on natural citrus extract and facilitates manual cleaning even in case if pronounced charring. Before using TECHNOMELT® CLEANER MELT-O-CLEAN, its suitability for lacquered and synthetic coated surfaces should be tested.

Storage

Store product in an unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal storage: Up to 28°C. Storage above 35°C can adversely affect the ability to handle and dispense the material.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.

Product specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and certificate
Please contact Henkel representative for related approval or certificate of this product.

Data ranges
The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH

Conversions
(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

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