



TECHNOMELT®

Hotmelt Cleaners and Service Products

WHAT FOR?

- » **Hotmelt system surface cleaners** to remove residual adhesive, grease and grime
- » **Equipment maintenance products** for thorough system cleaning

WHY USE?

- » Ensure consistent **dispensing and bonding quality**
- » Prolong **hotmelt system and spare part lifetime**
- » **Prepare product change**

TECHNOMELT®

Hotmelt Cleaner Range



Surface Cleaner and Lubricant

	Technomelt Cleaner Melt-O-Clean	Technomelt Cleaner 103	Technomelt PUR-O-Lub
Hotmelt technology	All	All	
Packaging	12 x 0.5 l spray bottles 4 x 4.5 l steel canister	20 kg container	15 x 310 ml cartridges
Color	Transparent	Transparent	Yellow/Beige
Description	For machine surfaces, especially to remove residual adhesive and heavy grease and grime	For machine surfaces, suitable for use on metal, composites, plastics, ceramics, acrylics, glass, wood and painted surfaces.	For lubrication of movable parts of the melting unit as well as sealing of nozzles. Designed for getting in contact with polyurethane adhesive which is not affected by this grease
Melters & hoses	✓ in cold conditions	X	
Filters	✓	✓	
Spray heads and nozzles	✓	✓	
Steel rollers	✓	✓	
Machine surfaces	✓	✓	
Working temperature	Room temperature	Room temperature	-45°C – 180°C
Flash point	40 – 50°C	65 – 70°C	
Appearance	Liquid	Liquid	Pasty

TECHNOMELT® Hotmelt Cleaner Range



Equipment maintenance

	Technomelt Cleaner Q 1924	Technomelt Cleaner 101	Technomelt Cleaner 102
Hotmelt technology	PO-based and PSA hotmelt	EVA hotmelt	PSA hotmelt
Packaging	25 kg PE/paper bag	12.5 kg carton	20 kg plastic container
Color	White	White	Transparent
Description	For regular cleaning of hotmelt application systems, and especially before changing the adhesive grade, e.g. from EVA to mPO technology	For regular cleaning of hotmelt application systems	For regular cleaning of hotmelt application systems and machine parts
Melters & hoses	✓	✓	✓
Filters	✓	✓	✓
Spray heads and nozzles	✓	✓	✓
Steel rollers	X	X	X
Machine surfaces	X	X	X
Working temperature	160 – 190°C	100 – 140°C	140°C – 160°C
Flash point	> 200°C	> 200°C	> 200°C
Appearance	Granules	Granules	Liquid

How to clean Hotmelt systems.

Machine maintenance or changing over to a new adhesive system include a thorough cleansing of the hotmelt system. Previously degraded and charred adhesives will be generally dislodged, as well as various other impurities such as paper fiber, dust and others, which adhere to the tank walls and inside the hoses.

We suggest the described procedure below. This is only a guideline since a standard procedure cannot encompass all characteristics in every company.



The cleaning check-list

1. Reduce pump pressure (0 bar).
2. Empty the tank by opening the drain valve whilst slowly increasing the pump pressure (max. 1 bar).
3. Remove carbonized material from the tank with a wooden spatula and clean tank thoroughly. (Do not use metallic tools as they may damage the tank coating)
4. Dismantle filters and examine condition. (If filters need to be changed please follow the manual of the equipment manufacturer)
5. Fill in the new adhesive and melt it with pump pressure of 0.
6. Discharge a sufficient amount of molten adhesive through the filter chamber until clean adhesive appears, then insert filter while the valve is open.
7. Reduce hose temperatures by 30-40°C.
8. Remove hoses from application heads at a low pressure of 1 – 5 bars and re-install the head only if clean adhesive is present. Individually drain each hose and application head.
9. Rinse the complete system without nozzles.
10. The installation of an inline filter in front of each nozzle is suggested. (At first the filters should be changed more frequently to filter out the initially dislodged particles (in subsequent running operation and to avoid nozzles blockages)
11. Install nozzle, set processing temperature and check functions.

Maximize production efficiency and uptime: try our Cleaners now!

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