Liquid and thermally conductive materials provide effective heat dissipation and thermal management in electronic devices such as circuit boards, battery systems in H/EV (hybrid and electric) vehicles or consumer electronics. The application of these highly viscous materials makes special demands on the material preparation and feeding as well as the dispensing technology.

The combination of the material Drum Preparation System (DPS) with the Duplex® Multi-String© mixing system enables material preparation from large drums for high dispensing rates.
APPLICATION OF THERMALLY CONDUCTIVE MATERIALS OR GAP FILLER

DRUM PREPARATION SYSTEM (DPS)

ADVANTAGES
> Large volume feeding system for longer production times
> Suitable for high viscosity to paste-like materials
> Safe drum change process with automatic bleeding
> Quick and easy handling
> Meets highest safety requirements

CHARACTERISTICS
> Variable follower plate diameter
> Suitable for different drum sizes
> Foldout tray for drums
> Vacuum unit for void-free drum change
> Process, product and machine data monitoring
> Complete housing for user safety

STATIC MIXING

ADVANTAGES
> High-mixing quality even with difficult mixing ratios
> No cleaning process required
> Minimal footprint
> Reduced weight

CHARACTERISTICS
> High viscosity to paste-like medium
> Filled and unfilled materials
> Abrasive and non-abrasive fillers

The application of thermally conductive materials or Gap Filler calls for high-dispensing volumes as well as a robust mixing and a precise dispensing system. A combination of our drum preparation system (DPS) and the static mixing Duplex® Multi-String© technology offers both.

More material per drum means longer production times and less time of drum change. A safe drum change process with automatic bleeding guarantees minimum downtimes. For high-dispensing volumes, we recommend a drum preparation system for each component and two or more mixing systems side by side.

Customized to your individual requirements we offer the optimal solution from the material preparation over manual work places up to fully automatic production lines. Our long experience as a manufacturer of dispensing machines guarantees you the highest process stability and quality.
- Service hotline (German/English/French)
- Response service MO - FR
- Spare parts service
- Service and maintenance

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