

DME

End-of-Life Information

Grundfos DME Pumps must be disposed of according to local regulations by using a public or private waste collection service. If this is not possible, contact the nearest Grundfos company or service workshop.

To identify the specific product materials, please check the Type key available in the product nameplate as described in the product's Installation and operating instructions.

Safety Risk

Safety related to materials used

- The materials used in DME pumps do not pose any health risk to the person handling them. Please observe the corresponding indications in the Installation and operating instructions for taking the product out of operation.

Safety related to handling the product

- The required safety measures for handling the chemical being dosed with this pump should be taken. The parts in contact with the fluid should be rinsed and cleaned before disposal in an environmentally sound way.
- The product should be taken out of operation according to the recommendations described in the Installation and operating instructions.
- Care should be taken when handling the pump due to its weight.

Disassembly of the Product

Depending on the pump model, the materials of the product components are:

- Stainless Steel of different grades
- Thermoplastics of different compositions
- Elastomers of different compositions
- Composites
- Aluminium
- Electronic scrap

The pump is assembled using Torx T20, T25 and Hexagon screws, and can therefore be disassembled with standard tools.

Designation	Name	Material	Special Disassembly Consideration
1	Back plate	PPE/PS 20 % glass fibre	
2	Spring	DIN 17223 TYPE C	
3	Housing	PPE/PS 20 % glass fibre	
4	Hall sensor	Electronic scrap	
5	Operation PCB	Electronic scrap	
6	Power cable	Rubber	

7	Gear unit	Aluminium/Stainless Steel	Parts fixed with Loctite glue
8	Brushless DC motor	Electronic scrap	
9	Drain hole		
10	Connector	PP or PVDF or SS 1.4401	
11	Union nut	PP or PVDF or SS 1.4401	
14	O-ring	EPDM or FKM or PTFE	
15	Venting valve, ball	Ceramic	
16	Spring	Alloy C-4, 2.4610 (NiMo16CrTi)	
17	Spring	Alloy C-4, 2.4610 (NiMo16CrTi)	
18	Venting valve, body	PP or PVDF	
19	Venting valve, tap	PP or PVDF	
20	O-ring	EPDM or FKM or PTFE	
21	End cover	Steel	
22			
23	O-ring	EPDM or FKM or PTFE	
24	Valve seat	PP or PVDF or SS 1.4401	
25	Valve ball	Ceramic or Glass or SS 1.4401	
26	Valve cage	PP or PVDF or SS 1.4401	
27	Spring	Alloy C-4, 2.4610 (NiMo16CrTi)	Only in pumps with spring loaded valves
28	O-ring	EPDM or FKM or PTFE	
30	Dosing head cover	Steel	
31	Dosing head	PP or PVDF or SS 1.4401 or PTFE	
32	Safety membrane	FKM	
33	Power PCB	Electronic scrap	
34	Crank shaft	Steel	
35	I/O PCB	Electronic scrap	
36	Connecting rod	Steel	
37	Steel plate	Steel	
38	Steel frame	Steel	
39	Diaphragm	Textile-reinforced EPDM, PTFE-coated	
Additional materials:		Screws, connectors, etc.: Various materials less than 5% of weight	

