

CFD-Dispenser selection

Material of dispenser unit:

PEEK:



anaerobics (+ passivation)
When aggressive materials attack stainless steel, use PEEK

INOX:



All other products

Select **INOX** for your dispensing application, but choose **PEEK** for anaerobic or aggressive materials.

Dispensing volume:

Volume per turn	CFD size
0.003ml/U	CFD-1
0.01ml/U	
0.05ml/U	
0.14ml/U	CFD-2
0.53ml/U	
0.35ml/U	CFD-3
1.1ml/U	CFD-4
2.3ml/U	CFD-5
9.1ml/U	

N.B.: For abrasive and highly viscous thermal pastes or solder pastes, the speed should not exceed 30 RPM.

In general, the speed should be kept as low as possible to minimize wear.
→ If necessary, select the next larger model with a lower speed.

Rule of thumb: Doubling the dispenser speed reduces the service life of wear parts (rotor/stator) to one quarter.

Material handling:

Stator-type:	mta solvent / non-filled	mta pro / non-filled	mta filled / filled	mta acrylic / filled
	chemically aggressive liquids	grease	silicones (RTV,...)	cyan-acrylates
	acids, alkali, bases	silicones (RTV,...)	Thermal Pastes	acids, alkali, bases
	acetone	alcohols	Gap Fillers / TIM-material	alcohols
	solvent-containing	chemically non-aggressive liquids	oils	solvent-containing
	iso-cyanate		solder pastes, metal pastes	iso-cyanate
	methacrylates		abrasive pastes	
	MEK			
	an-aerobics			
	alcohols			
	epoxy			
	acrylates			

Rotor-type:	hard chrome plating	passive DLC coating
	all liquids, adhesives	abrasive pastes (TIM, gap filler)
	grease	solder pastes, metal pastes
	oils,	an-aerobics (+ passivation)
	silicones	cyan-acrylates
		acids
		electrolytes (battery)