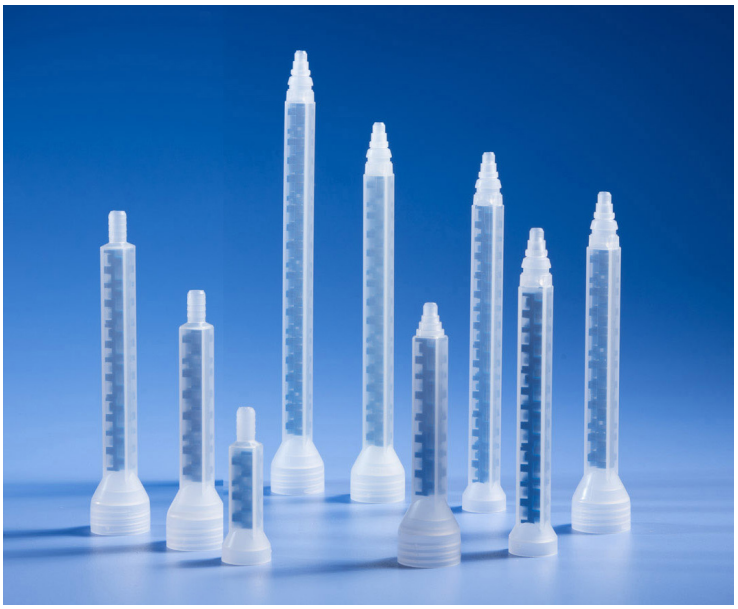
OptiMixer Series 480 Disposable Mixers

Optimized mix performance in a significantly shorter length



The Nordson EFD OptiMixer provides better mix quality in a shorter length.

The OptiMixer's unique, patented design incorporates material flow path improvements and redesigned wedge elements. Both contribute to significantly improved mix quality in a length that's about 20% shorter than comparable square mixers – the shortest in the marketplace.

The mixer's shorter length allows users to dispense two-component materials within closer proximity to applications, providing greater control and higher job quality.

Nordson EFD used proprietary flow simulation technology to optimize the design of the cross flow inverters and element wedges. The result is a high-performance mixer that produces the best quality mix with less retained volume. The Series 480 mixer elements are 8.7 mm wide.

OptiMixer™ attaches to most large volume, multi-ratio cartridges including EFD's u-TAH® Universal, Side x Side, and 380mL Coaxial cartridges.

Features

- Improved material flow path design – the next step in the evolution of EFD's patented flow inverter
- Redesigned wedge elements – a significant improvement over our patented single-wedge design

Benefits

- Improved mixing in a shorter length without impacting performance factors
- 30% less retained volume than comparable mixers for reduced fluid waste
- Improved adhesive bond strength

more info

Nordson EFD

Specifications

SERIES 480 OPTIMIXERS						
Element Width 0.344 / 8.7 (in/mm)						
Part #	**# Mixing Elements**	**Housing Length (inch/cm)**	**Housing Inlet**	**Housing Outlet**	**Retained Volume (ml)**	**Element / Housing**
7361685**	9	2.9 / 7.4	Integral Nut	Barbed	1.6	Acetal / PP
7361689	17	4.0 / 10.2	Integral Nut	Stepped	4.7	Acetal / PP
7361695	25	5.1 / 13.0	Bell*	Stepped	6.5	Acetal / PP
7361697	25	5.6 / 14.2	Integral Nut	Stepped	6.5	Acetal / PP
7361703	33	6.3 / 16.0	Bell*	Stepped	7.5	Acetal / PP
7361705	33	6.8 / 17.3	Integral Nut	Stepped	7.5	Acetal / PP
7361707	41	8.1 / 20.6	Integral Nut	Stepped	10.0	Acetal / PP

*Needs retaining nut #7702598

**In prototype

Nordson EFD

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