

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.



SmartLok™ adapters are designed to adapt Nordson EFD OptiMixer mixers to F-System Side x Side cartridges.

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.
- Available with Nordson EFD SmartLok adapter to fit F-System Side x Side cartridges.

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



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	Color
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	-
7361693	17	4.0 / 10.2	Integral Nut	Barbed	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	-
7361701	25	5.6 / 14.2	Integral Nut	Barbed	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	-
OPTIMIXERS ASSEMBLED WITH SMARTLOK ADAPTERS							
7362807	17	4.0 / 10.2	10:1 / 4:1	Stepped	4.7	Acetal / PP	White
7362816	17	4.0 / 10.2	1:1 / 2:1	Stepped	4.7	Acetal / PP	Blue
7362808	17	4.0 / 10.2	10:1 / 4:1	Barbed	4.7	Acetal / PP	White
7362817	17	4.0 / 10.2	1:1 / 2:1	Barbed	4.7	Acetal / PP	Blue
7362809	25	5.6 / 14.2	10:1 / 4:1	Stepped	6.5	Acetal / PP	White
7362818	25	5.6 / 14.2	1:1 / 2:1	Stepped	6.5	Acetal / PP	Blue
7362810	25	5.6 / 14.2	10:1 / 4:1	Barbed	6.5	Acetal / PP	White
7362819	25	5.6 / 14.2	1:1 / 2:1	Barbed	6.5	Acetal / PP	Blue
7362588	33	6.8 / 17.3	10:1 / 4:1	Stepped	7.5	Acetal / PP	White
7362589	33	6.8 / 17.3	1:1 / 2:1	Stepped	7.5	Acetal / PP	Blue
7362811	41	8.1 / 20.6	10:1 / 4:1	Stepped	10.0	Acetal / PP	White
7362820	41	8.1 / 20.6	1:1 / 2:1	Stepped	10.0	Acetal / PP	Blue
SMARTLOK ADAPTERS ONLY							
7362590	-	-	10:1 / 4:1	-	-	-	White
7362591	-	-	1:1 / 2:1	-	-	-	Blue

*Housing Inlet for OptiMixers assembled with SmartLok adapters are separated bore and color-coded by ratio

**Needs retaining nut #7702598

***In prototype



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