

Ratio-Pak Cartridge Systems

Snap-together cartridges for two-component (2K) materials



Ratio-Pak cartridges snap together in package volumes from 60mL to 1500mL.



Ratio-Pak cartridge with separated bores.



Ratio-Pak cartridge with joined bores.



Select ratios from 1:1 up to 25:1.

Ratio-Pak® cartridge systems offer a versatile solution to package a variety of two-part materials including foams, coatings, potting compounds, and other adhesives and sealants.

The Ratio-Pak line uses individual cartridges that snap together with Ratio-Pak cartridges of any other size. This unique, patented design gives users the flexibility to combine multiple ratios, from 1:1 up to 25:1, and achieve proper mixing results.

Cartridge configurations are available with a variety of capping solutions, assorted thread forms, and self-venting seals for easy filling.

Features

- Snap-together design for easily changeable configurations
- May be filled through the nozzle or back side of the cartridge
- Fit industry-standard dispense guns
- Many mixer options available

Benefits

- Versatile design allows different mix ratios and volumes
- Snap-together cartridges help reduce inventory; join side A with different sizes of side B
- Match different resins for chemical compatibility; for example, mate PP side A with nylon side B
- Point of use mixing
- Easy filling and handling, with quick clean-up









more info



Ratio-Pak Cartridges

RATIO-PAK SNAP-TOGETHER CARTRIDGES

Cartridges sold individually. All cartridges are 8.5 in (216 mm) in length.

30mL Ratio-Pak Cartridges			
	Part #	Usable Volume	Description
	7660364	30mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7660391	–	30mL Piston Rear Seal, S15 Style (non-vented)
75mL Ratio-Pak Cartridges			
	Part #	Usable Volume	Description
	7661411	75mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7661540	75mL	Ratio-Pak Cartridge, PP, 7/8 - 9 outlet thread
	7660543	75mL	Ratio-Pak Cartridge, PE, 7/8 - 14 outlet thread
	7661440	75mL	Ratio-Pak Cartridge, Nylon, 7/8 - 14 outlet thread
	7660545	–	75mL Piston Rear Seal, S15 Style (non-vented)
	7660873	–	75mL Piston Rear Seal, S16 Style (self-vented)
100mL Ratio-Pak Cartridges			
	Part #	Usable Volume	Description
	7660569	100mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7661037	100mL	Ratio-Pak Cartridge, Nylon, 7/8 - 14 outlet thread
	7660589	–	100mL Piston Rear Seal, S15 Style (non-vented)
	7661372	–	100mL Piston Rear Seal, S15 Style (non-vented)
150mL Ratio-Pak Cartridges			
	Part #	Usable Volume	Description
	7660598	150mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7660604	150mL	Ratio-Pak Cartridge, PE, 7/8 - 9 outlet thread
	7660609	–	150mL Piston Rear Seal, S15 Style (non-vented), for PP/PE cartridges
	7660872	–	100mL Piston Rear Seal, S16 Style (self-vented), for PP/PE cartridges
	7660599	150mL	Ratio-Pak Cartridge, Nylon, 7/8 - 14 outlet thread
	7660610	–	150mL Piston Rear Seal, S15 Style (non-vented), for nylon cartridges
	7660877	–	100mL Piston Rear Seal, S16 Style (self-vented), for nylon cartridges
200mL Ratio-Pak Cartridges			
	Part #	Usable Volume	Description
	7661408	200mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7661530	200mL	Ratio-Pak Cartridge, Nylon, 7/8 - 14 outlet thread
	7661403	–	200-250mL Piston Rear Seal, S15 Style (non-vented)
	7661404	–	200mL Piston Rear Seal, S16 Style (self-vented)
250mL Ratio-Pak Cartridges			
	Part #	Usable Volume	Description
	7661409	250mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7661408	250mL	Ratio-Pak Cartridge, PP, 7/8 - 9 outlet thread
	7661403	–	200-250mL Piston Rear Seal, S15 Style (non-vented)
	7661407	–	250mL Piston Rear Seal, S16 Style (self-vented)

Order both side A and side B based on ratio requirement and volume.

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Ratio-Pak Cartridges

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RATIO-PAK SNAP-TOGETHER CARTRIDGES

Cartridges sold individually. All cartridges are 8.5 in (216 mm) in length.


300L Ratio-Pak Cartridges

	Part #	Usable Volume	Description
	7661625	300mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7661650	300mL	Ratio-Pak Cartridge, PP, 7/8 - 9 outlet thread
	7660630	300mL	Ratio-Pak Cartridge, PE, 7/8 - 14 outlet thread
	7661715	300mL	Ratio-Pak Cartridge, PE, 7/8 - 9 outlet thread
	7660653	–	300mL Piston Rear Seal, S15 Style (non-vented)
	7660884	–	300mL Piston Rear Seal, S16 Style (self-vented)
	7660626	300mL	Ratio-Pak Cartridge, Nylon, 7/8 - 14 outlet thread
	7660656	–	300mL Piston Rear Seal, S15 Style (non-vented), for nylon cartridges
	7660883	–	300mL Piston Rear Seal, S16 Style (self-vented), for nylon cartridges

600mL Ratio-Pak Cartridges

	Part #	Usable Volume	Description
	7660664	600mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7660665	600mL	Ratio-Pak Cartridge, PP, 7/8 - 9 outlet thread
	7660663	600mL	Ratio-Pak Cartridge, Nylon, 7/8 - 14 outlet thread
	7660666	–	600mL Piston Rear Seal, S15 Style (non-vented)
	7661708	–	600mL Piston Rear Seal, S16 Style (self-vented)

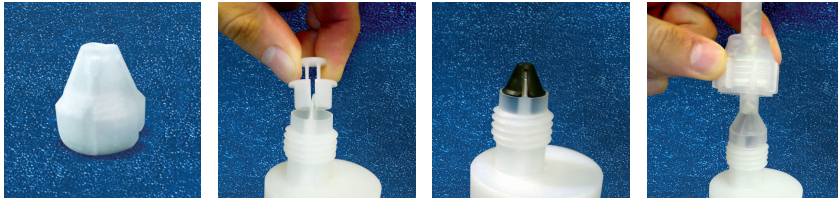
750mL Ratio-Pak Cartridges

	Part #	Usable Volume	Description
	7660667	750mL	Ratio-Pak Cartridge, PP, 7/8 - 14 outlet thread
	7661410	750mL	Ratio-Pak Cartridge, PP, 7/8 - 9 outlet thread
	7660668	750mL	Ratio-Pak Cartridge, Nylon, 7/8 - 14 outlet thread
	7660686	–	750mL Piston Rear Seal, S15 Style (non-vented)
	7660887	–	750mL Piston Rear Seal, S16 Style (self-vented)

Order both side A and side B based on ratio requirement and volume.

Ratio-Pak Cartridge Flow Restrictors

EFD's low-cost, plastic Flow Restrictors for Ratio-Pak cartridges eliminate problems caused by low-viscosity fluids by slowing the thinner component's flow.



Flow restrictor

Remove plug

Insert restrictor

Attach mixer

Recommended 2K Mixers

Nordson EFD offers a variety of static mixers for Ratio-Pak cartridges, including OptiMixers™ and other square and spiral mixers.



Series 480 OptiMixers

Series 295

Series 160AA

2K Dispense Guns

Nordson EFD's 2K dispense guns are compatible for use with our Side x Side, Ratio-Pak, and Coaxial cartridge systems. Lightweight and durable, 2K dispense guns make applying two-component adhesives quicker and easier. Available in manual, pneumatic, and cordless models.



Manual dispense gun

Pneumatic dispense gun

Cordless dispense gun

RATIO-PAK FLOW RESTRICTORS

Part #	Orifice Size (in/mm)	Color
7660764	0.062 / 1.5	Black
7660765	0.062 x 0.187 / 1.5 x / 4.8	Black
7660763	0.187 / 4.8	Black

DISPOSABLE MIXERS

Series	Type	Style
Series 480	OptiMixer	Square
Series 280	Turbo Integral Nut	Square
Series 160	Bell Inlet	Spiral
Series 160AA	Quick Spray System	Spiral
Series 161N	High-Flow Integral Nut	Spiral
Series 260	Bell & Integral Nut	Spiral



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com.

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