

**Manufacturer:**

Nordson

Product Name:

Nordson EFD 30 Gauge Stainless Steel 45° (degree) Dispensing Needle - 0.5 inch - 50/box

Manufacturer Part Number:

7018434

[Learn More](#)

▶ [Click here for more details on the Nordson EFD 30 Gauge Stainless Steel 45° \(degree\) Dispensing Needle - 0.5 inch - 50/box](#)

Precision Dispensing Tips



Optimum Dispensing Tips

EFD produces the highest quality dispensing tips in the industry. All tips are produced in our own silicone-free facilities and subjected to stringent quality control inspections throughout the entire manufacturing process.

Features and Benefits

- Free of flash, burrs, and contaminants
- Package labels include lot numbers for process control and traceability
- Consistent from style to style and lot to lot
- 360° SafetyLok™ thread ensures safe, positive attachment to syringe barrel
- Engineered hub flats for easy twist on, twist off

Available in multiple styles:

Precision Stainless Steel Passivated stainless steel tips handle a wide range of fluids and applications.

Tapered Smooth flow for application of medium- to high-viscosity fluids — especially thick or particle-filled materials like epoxies, RTVs, and braze pastes.

Flexible Polypropylene shafts reach into hard-to-access areas and will not scratch delicate surfaces. Easily cut to size or angled as needed.

Angled Stainless steel tips available with 45° and 90° bends. Custom bends available.

Brush For spreading glues and greases. Available with soft or stiff bristles.

Specialty For specific applications: Chamfered, PTFE-coated and PTFE-lined, microdot tips, and oval tips.

Ceramic MicroDot For precise micro-deposits as small as 100 µm. Compatible with wide range of fluids, even fine particle-filled materials.

Precision Nozzle For tight tolerance micro-dispensing in CCM, LED, semiconductor, and other high-precision industries.

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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PRECISION STAINLESS STEEL TIPS														
Gauge	Color		ID		OD		Straight	Straight	Straight	Straight	45° Bend	90° Bend	45° Bend	Qty/ Box
			mm	inch	mm	inch	6.35 mm (0.25")	12.7 mm (0.50")	25.4 mm (1.0")	38.1 mm (1.5")	12.7 mm (0.5")	12.7 mm (0.5")	38.1 mm (1.5")	
14		Olive	1.54	0.060	1.83	0.072	7018029	7018043	7018032	7018035	7018044	7018045	7016906	50
14		Olive	1.54	0.060	1.83	0.072	—	—	—	7018036	—	—	—	1000
15		Amber	1.36	0.053	1.65	0.065	—	7018068	7018059	7018062	7018069	—	—	50
18		Green	0.84	0.033	1.27	0.050	7018107	7018122	7018110	7018113	7018123	7018124	7016908	50
20		Pink	0.61	0.024	0.91	0.036	7018163	7018178	7018166	7018169	7018179	7018180	—	50
21		Purple	0.51	0.020	0.82	0.032	7005005	7018233	7018222	7018225	7018234	—	7016910	50
22		Blue	0.41	0.016	0.72	0.028	7018260	7018272	7018263	7018266	7018273	7018274	—	50
22		Blue	0.41	0.016	0.72	0.028	—	7018277	—	—	—	—	—	1000
23		Orange	0.33	0.013	0.65	0.025	7018302	7018314	7018305	7018308	7018315	7018316	—	50
25		Red	0.25	0.010	0.52	0.020	7018333	7018345	7018336	7018339	7018346	7018347	—	50
27		Clear	0.20	0.008	0.42	0.016	7018395	7005008	—	—	7018404	7018405	—	50
30		Lavender	0.15	0.006	0.31	0.012	7018424	7018433	—	—	7018434	7018435	—	50
30		Lavender	0.15	0.006	0.31	0.012	—	7024638*	—	—	—	—	—	1000
32		Yellow	0.10	0.004	0.24	0.009	7018462	—	—	—	—	—	—	50

*Includes tip cover.

Burr-free, polished, passivated stainless steel dispensing tips with polypropylene SafetyLok hubs for a secure fit to barrel reservoirs.

- 6.35 mm (0.25") tips: Fast point-to-point dispensing.
- 12.7 mm (0.50") tips: Standard all-around precision dispensing tips.
- 45° and 90° bent tips: Easy access into hard-to-reach areas.

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Applications	DISPENSING TIPS						
	Tapered	Stainless Steel	PTFE-Lined	Flexible	MicroDot Ceramic	MicroDot Stainless Steel	Precision Nozzle
Very Low Viscosity Fluids	X	●	●	●	●	●	●
Particle-Filled Pastes	●	●	▲	X	●	▲	●
Microdot Deposits	X	●	▲	●	●	●	●
Fluid is Reactive to Metal	●	X	●	●	●	X	X
Depositing in Recesses	▲	●	●	▲	●	●	X
Spreading/Smearing	●	▲	●	▲	●	●	●
Fast-Curing Glues	●	▲	●	●	▲	▲	X
Beading, Striping	●	●	●	▲	●	▲	●
Easily Scratched Substrates	●	▲	●	●	●	▲	▲
Fluids							
Adhesives	●	●	●	●	●	●	●
Anaerobics	●	▲	●	▲	●	X	X
Conformal Coatings	●	▲	▲	X	▲	▲	●
Cyanoacrylates	●	▲	●	●	●	▲	▲
Gel Cyanoacrylates	●	▲	●	▲	●	▲	▲
Epoxies	●	●	●	X	●	●	●
Greases	●	●	●	X	●	●	●
Light-Cure Adhesives	●	▲*	▲*	X	▲	●	●
Oils	●	●	●	▲	●	●	●
Paints	●	●	●	X	●	●	●
Sealants	●	▲	▲	X	●	●	●
Silver Epoxy	X	▲+	X	X	●	▲	●
Solder Paste/Braze Pastes	●	●	▲	X	●	▲	●
Solder Masks	●	●	▲	X	●	●	●
Solvents	X	●	●	●	●	●	●
UV-Cure Adhesives	●**	▲*	▲*	▲	▲	●	●

*OK if used with tip shield, part #7017715 or 7017717.

+Chamfered tips are recommended for best results.

**Standard tapered tips are recommended for best results.

Key

- Recommended
- ▲ Satisfactory
- X Do not use



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