



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



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 are available with 45° and 90° bends.

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

Specialty For specific applications: chamfered, ESD-safe, PTFE-coated and PTFE-lined, microdot tips and oval tips.










PRECISION STAINLESS STEEL TIPS

Gauge	6.35 mm (0.25")	12.7 mm (0.50")	25.4 mm (1.0")	38.1 mm (1.5")	45° Bend/12.7 mm (0.5")	90° Bend/12.7 mm (0.5")	45° Bend/38.1 mm (1.5")	Color
14	7018029	7018043	7018032	7018035	7018044	7018045	7016906	Olive
15	7018056	7018068	7018059	7018062	7018069	7018070	n/a	Amber
18	7018107	7018122	7018110	7018113	7018123	7018124	7016908	Green
20	7018163	7018178	7018166	7018169	7018179	7018180	n/a	Pink
21	7005005	7018233	7018222	7018225	7018234	7018235	7016910	Purple
22	7018260	7018272	7018263	7018266	7018273	7018274	n/a	Blue
23	7018302	7018314	7018305	7018308	7018315	7018316	n/a	Orange
25	7018333	7018345	7018336	7018339	7018346	7018347	n/a	Red
27	7018395	7005008	n/a	n/a	7018404	7018405	n/a	Clear
30	7018424	7018433	n/a	n/a	7018434	7018435	n/a	Lavender
32	7018462	n/a	n/a	n/a	n/a	n/a	n/a	Yellow

Burr-free, polished, passivated stainless steel dispensing tips with polypropylene SafetyLok hubs for a secure fit to barrel reservoirs. Packaged 50 tips per box.





• 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.

SMOOTHFLOW TAPERED TIPS

Gauge	Standard	Opaque Rigid	Color
14	7018052	7018049	Olive 
16	7018100	7018097	Grey 
18	7018158	7018147	Green 
20	7005009	7005006	Pink 
22	7018298	7005007	Blue 
25	7018391	7018370	Red 
27	7018417	n/a	Clear 





Use with gel cyanoacrylates, UV-cure adhesives, sealants, and particle-filled materials or any medium- to high-viscosity fluid. Molded of polyethylene with UV-light block additive. Packaged 50 tips per box.

FLEXIBLE TIPS

Gauge	12.7 mm (0.50")	38.1 mm (1.5")	Color
15	7018085	7018080	Amber 
18	7018143	7018138	Green 
20	7018205	7018201	Pink 
25	7018366	7018362	Red 

Flexible polypropylene tubing for application into difficult-to-access areas. Easily drags along edges and around corners and prevents scratching. Tubing can be cut to length. Packaged 50 tips per box.


CHAMFERED TIPS

Gauge	12.7 mm (0.50")	Color
18	7018129	Green 
23	7018321	Orange 
25	7018352	Red 
33	7018482**	Clear 

Use for microdot application of low viscosity fluids. Packaged 50 tips per box.



**7018482 is 6.35 mm (0.25") long and packaged 25 tips per box.

OVAL TIPS

Gauge	12.7 mm (0.50")	Color
15	7018078	Amber 

Flat ribbon deposits of thick pastes, sealants & epoxies. Outlet size is 1.98 x 0.41 mm (.078" x .016"). Packaged 50 tips per box.

TIP SHIELDS

Size	Part #	Color
3cc	7017715	Red 
5cc to 55cc	7017717	Black 

Reusable tip shields for light-sensitive and UV-cure adhesives. Fits over dispensing tip hub. Packaged 10 tip shields per box.



BRUSH TIPS

Style	Standard	High Flow
soft bristle	7018490	7018491
stiff bristle	7018494	7018495

Spread glues and greases. Nylon bristles, 50.8 mm (2") length. Sold individually.





PTFE-COATED TIPS

Gauge	ID	OD	12.7 mm (0.50")	Color
21	0.020	0.033	7018243	Purple 
23	0.013	0.026	7018326	Orange 

Controls wicking to stop drips in optical media applications. Packaged 20 tips per box.

PTFE-LINED TIPS

ID	12.7 mm (0.50")	25.4 mm (1.0")	Color
0.020"	7018256	7005003	Grey 
0.006"	7018388	7005004	Pink 

Resists clogging of cyanoacrylates. Use for microdot application of low viscosity fluids. Packaged 50 tips per box.

POLYETHYLENE NOZZLES

Size	Part #
6.35 x .318 cm (2.5 x .125")	7018555
6.35 x .157 cm (2.5 x .062")	7018557
10.6 x .157 cm (4.0 x .062")	7018559
10.6 x .08 cm (4.0 x .031")	7018561

Polyethylene nozzles thread into all cartridge sizes and 725 Series and 736HPA-NV valves. 1/4 NPT (6.35 mm) thread. Packaged 10 nozzles per bag.

METAL NOZZLES

Gauge	Part #	ID mm	ID inch
7	7017630	3.8	.150
8	7017633	3.4	.135
10	7017638	2.7	.106
12	7017643	2.2	.085
14	7017651	1.6	.063
16	7017660	1.2	.047

38.1 mm (1 1/2") long metal nozzles with 1/4 NPT to fit 725 Series and 736HPA-NV valves.



EFD[®] TIP RECOMMENDATIONS

A NORDSON COMPANY

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

Key	
●	Recommended
▲	Satisfactory
X	Do not use

* OK if used with tip shield, part #7017715 or 7017717.
⁺ Chamfered tips are recommended for best results.



COLOR CODING FOR TIP SIZES

Color	Gauge	Inner Diameter		Outer Diameter	
		mm	inch	mm	inch
● Olive	14	1.54	.060	1.83	.072
● Amber	15	1.36	.053	1.65	.065
● Grey	16	1.19	.047	n/a	n/a
● Green	18	0.84	.033	1.27	.050
● Pink	20	0.61	.024	0.91	.036
● Purple	21	0.51	.020	0.82	.032
● Blue	22	0.41	.016	0.72	.028
● Orange	23	0.33	.013	0.65	.025
● Red	25	0.25	.010	0.52	.020
○ Clear	27	0.20	.008	0.42	.016
● Lavender	30	0.15	.006	0.31	.012
● Yellow	32	0.10	.004	0.24	.009

Note: OD dimensions are for stainless tips only.
 Whatever tip style, all sizes are color-coded to ensure the specified size is used.

Free Syringe & Tip Poster for Adhesive Dispensing

Quickly identify the right dispensing components for your fluid application process.

Call 800-556-3484 to request a free copy.