



## SRA Dispensing Needles & Tips



Our US manufactured tip hubs and stainless steel dispensing needles are free of molding flash, burrs and contaminants that could cause variations in your dispensing.

The dispensing tip gauges, lengths and colors are consistent from lot to lot to eliminate any variations.

We stock our disposable stainless steel dispensing needles with polypropylene luer lock hubs in several lengths (0.5", 1", 1.5") and 1-1/4" Free Flow Poly tapered tips.

These tips will fit all luer lock syringes!

### Dispensing Recommendations

Fluids	Stainless Steel	Free-Flow Poly
Adhesives	★	★
Anaerobics	✓	★
Conformal coatings	✓	★
Cyanoacrylates (Super Glue)	✓	★
Gel cyanoacrylates	✓	★
Epoxies	★	★
Greases	★	★
Light-cure Adhesives	✓	✗
Oils	★	✓
Paints	★	✓
Sealants	✓	★
Solder Paste	★	★
Brazing Paste	★	★
Solder Masks	★	★
Solvents	✓	★
UV-cure adhesives	✓	★

★ Recommended    ✓ Satisfactory    ✗ Do Not Use

### Application Range

Applications	Stainless Steel	Free-Flow Poly
Low viscosity fluids	★	✓
Particle filled pastes	★	★
Microdots	★	✗
Metal reactive fluid	✗	★
Dispensing into crevasses	★	✓
Spreading/smearing	✓	★
Fast curing glues	✓	★
Beading	★	★
Sensitive surfaces	✓	★

★ Recommended    ✓ Satisfactory    ✗ Do Not Use

SRA Soldering Products  
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Walpole, MA 02081  
800-545-4570 - [www.sra-solder.com](http://www.sra-solder.com)



## 1-1/4" Free-Flow Poly Tapered Tips

Part Number	Color	Size	ID (in)	OD (in)
TIPPOLY14	White	14 Gauge	0.063	1.6
TIPPOLY16	Gray	16 Gauge	0.047	1.19
TIPPOLY18	Green	18 Gauge	0.033	0.84
TIPPOLY20	Pink	20 Gauge	0.023	0.58
TIPPOLY22	Blue	22 Gauge	0.016	0.41



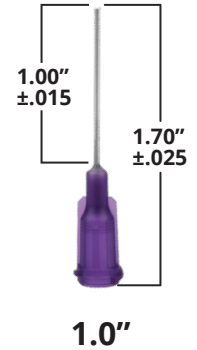
## 1/2" Stainless Steel Blunt Needle Tips

Part Number	Color	Size	ID (in)	OD (in)	ID (mm)	OD (mm)
TIPS#14	White	14 Gauge	.0595-.0615	.0715-.0725	1.51-1.56	1.82-1.84
TIPS#15	Brown	15 Gauge	.0525-.0545	.0645-.0655	1.33-1.38	1.64-1.66
TIPS#16	Gray	16 Gauge	.0455-.0485	.0645-.0655	1.15-1.23	1.63-1.66
TIPS#18	Dk. Green	18 Gauge	.0315-.0345	.0495-.0505	0.80-0.88	1.26-1.28
TIPS#19	Lt. Green	19 Gauge	.0255-.0285	.0415-.0425	0.64-0.72	1.05-1.07
TIPS#20	Pink	20 Gauge	.0230-.0245	.0355-.0360	0.58-0.62	0.90-0.91
TIPS#21	Purple	21 Gauge	0.195-.0210	.0320-.0325	0.50-0.53	0.81-0.83
TIPS#22	Blue	22 Gauge	.0155-.0170	.0280-.0285	0.39-0.43	0.71-0.72
TIPS#23	Orange	23 Gauge	.0125-.0140	.0250-.0255	0.32-0.36	0.64-0.65
TIPS#25	Red	25 Gauge	.0095-.0110	.0200-.0205	0.24-0.28	0.51-0.52
TIPS#27	Clear	27 Gauge	.0075-.0090	.0160-.0165	0.19-0.23	0.41-0.42
TIPS#30	lavender	30 Gauge	.0055-.0070	.0120-.0125	0.14-0.18	0.30-0.32



## 1" Stainless Steel Blunt Needle Tips

Part Number	Color	Size	ID (in)	OD (in)	ID (mm)	OD (mm)
TIPS#15X1	Brown	15 Gauge	.0525-.0545	.0645-.0655	1.33-1.38	1.64-1.66
TIPS#19X1	Lt. Green	19 Gauge	.0255-.0285	.0415-.0425	0.64-0.72	1.05-1.07
TIPS#20X1	Pink	20 Gauge	.0230-.0245	.0355-.0360	0.58-0.62	0.90-0.91
TIPS#21X1	Purple	21 Gauge	0.195-.0210	.0320-.0325	0.50-0.53	0.81-0.83
TIPS#23X1	Orange	23 Gauge	.0125-.0140	.0250-.0255	0.32-0.36	0.64-0.65
TIPS#25X1	Red	25 Gauge	.0095-.0110	.0200-.0205	0.24-0.28	0.51-0.52



## 1-1/2" Stainless Steel Blunt Needle Tips

Part Number	Color	Size	ID (in)	OD (in)	ID (mm)	OD (mm)
TIPS#14X1.5	White	14 Gauge	.0595-.0615	.0715-.0725	1.51-1.56	1.82-1.84
TIPS#15X1.5	Brown	15 Gauge	.0525-.0545	.0645-.0655	1.33-1.38	1.64-1.66
TIPS#18X1.5	Dk. Green	18 Gauge	.0315-.0345	.0495-.0505	0.80-0.88	1.26-1.28
TIPS#22X1.5	Blue	22 Gauge	.0155-.0170	.0280-.0285	0.39-0.43	0.71-0.72
TIPS#23X1.5	Orange	23 Gauge	.0125-.0140	.0250-.0255	0.32-0.36	0.64-0.65

