LINESIDE DISPENSING

Tapered tips

Specification sheet

Built November 21, 2026

Chamfered-Tip Dispensing Needles

LS-DSP-136

Chamfered-tip dispensing needles have a beveled outer edge at the outlet. The chamfer reduces the outer diameter at the tip, which helps on tightly spaced dispense points and cuts the surface fluid can wick up, useful for dots of low-viscosity fluids.

The tube is Type 304 stainless steel, set in a polypropylene hub. We list 16, 18, 20, 22 and 25 gauge, IDs 0.25 to 1.19 mm, in 1/2 and 1 in. lengths. Select by tip edge form and drawing dimensions, not gauge alone. Sizes map to the nearest major-brand equivalents.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-136-25G-0.5IN	25G	12.7	0.5	0.25	0.51	Stainless 304 + PP hub	Other
LS-DSP-136-25G-1IN	25G	25.4	1	0.25	0.51	Stainless 304 + PP hub	Other
LS-DSP-136-22G-0.5IN	22G	12.7	0.5	0.41	0.72	Stainless 304 + PP hub	Other

Tapered Dispensing Tips

LS-DSP-107

Tapered dispensing tips narrow gradually from hub to outlet, which lowers back pressure and suits medium to high viscosity materials such as epoxies, silicones, RTVs, sealants and greases. The gradual taper also helps with thin fluids by avoiding sudden compression at the outlet.

These are all-plastic tips molded in PP or PE with a threaded base. We list 14, 16, 18, 20, 25 and 30 gauge with IDs from 0.15 to 1.55 mm, all at 31.5 mm (1.24 in.) overall, color-coded by size. Most listed sizes are cross-referenced to major-brand part numbers.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-107-30G	30G	31.5	1.24	0.15	Plastic, PP or PE	Threaded	
LS-DSP-107-27G	27G	31.5	1.24	0.2	Plastic, PP or PE	Threaded	
LS-DSP-107-25G	25G	31.5	1.24	0.25	Plastic, PP or PE	Threaded	Red
LS-DSP-107-22G	22G	31.5	1.24	0.4	Plastic, PP or PE	Threaded	
LS-DSP-107-20G	20G	31.5	1.24	0.6	Plastic, PP or PE	Threaded	Pink

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-107-18G	18G	31.5	1.24	0.85	Plastic, PP or PE	Threaded	Green
LS-DSP-107-16G	16G	31.5	1.24	1.2	Plastic, PP or PE	Threaded	Gray
LS-DSP-107-15G	15G	31.5	1.24	1.35	Plastic, PP or PE	Threaded	
LS-DSP-107-14G	14G	31.5	1.24	1.55	Plastic, PP or PE	Threaded	Olive