



+44 (0) 1908 686660
 Hours 9am to 5.30pm GMT
 Or from overseas call: **+44 (0) 1908 686661**
 Customer Service: support@adhesivedispensers.co.uk

Adhesive Dispensing Limited
 Unit 55 Abbey Court
 Alston Drive, Bradwell Abbey
 Milton Keynes
 Bucks, MK13 9HB, UK

AD/ TE Precision General Purpose Straight Dispensing Tips

Polypropylene double helix Luer lock hub. Stainless steel tube. UV bonded hub to tube. UV filter plastic on hub. Maximum pressure 100 PSI. Silicone-free materials.

For use with most adhesives, epoxies, inks, lubricants, silicones, UV cure, gels.

Blunt end burr-free tube.

Not recommended for Cyanoacrylate adhesives (use Teflon tips).

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD712025	TE712025PK	12	Blue	2.26	0.089	2.77	0.109	6.35	0.25	0.03mm +/-	0.02mm +/-	50 or 1000
AD712050	TE712050PK	12	Blue	2.26	0.089	2.77	0.109	12.70	0.50	0.03mm +/-	0.02mm +/-	50 or 1000
AD712100	TE712100PK	12	Blue	2.26	0.089	2.77	0.109	25.40	1.00	0.03mm +/-	0.02mm +/-	50 or 1000
AD712150	TE712150PK	12	Blue	2.26	0.089	2.77	0.109	38.10	1.50	0.03mm +/-	0.02mm +/-	50 or 1000
AD712200	TE712200PK	12	Blue	2.26	0.089	2.77	0.109	50.80	2.00	0.03mm +/-	0.02mm +/-	50 or 1000
AD713025	TE713025PK	13	Red	1.78	0.070	2.54	0.100	6.35	0.25	0.03mm +/-	0.02mm +/-	50 or 1000
AD713050	TE713050PK	13	Red	1.78	0.070	2.54	0.100	12.70	0.50	0.03mm +/-	0.02mm +/-	50 or 1000
AD713100	TE713100PK	13	Red	1.78	0.070	2.54	0.100	25.40	1.00	0.03mm +/-	0.02mm +/-	50 or 1000
AD713150	TE713150PK	13	Red	1.78	0.070	2.54	0.100	38.10	1.50	0.03mm +/-	0.02mm +/-	50 or 1000
AD713200	TE713200PK	13	Red	1.78	0.070	2.54	0.100	50.80	2.00	0.03mm +/-	0.02mm +/-	50 or 1000
AD714025	TE714025PK	14	Olive	1.55	0.061	1.83	0.072	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD714050	TE714050PK	14	Olive	1.55	0.061	1.83	0.072	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD714100	TE714100PK	14	Olive	1.55	0.061	1.83	0.072	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD714150	TE714150PK	14	Olive	1.55	0.061	1.83	0.072	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD714200	TE714200PK	14	Olive	1.55	0.061	1.83	0.072	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD715025	TE715025PK	15	Amber	1.37	0.054	1.76	0.069	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD715050	TE715050PK	15	Amber	1.37	0.054	1.76	0.069	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD715100	TE715100PK	15	Amber	1.37	0.054	1.76	0.069	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD715150	TE715150PK	15	Amber	1.37	0.054	1.76	0.069	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD715200	TE715200PK	15	Amber	1.37	0.054	1.76	0.069	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD716025	TE716025PK	16	Grey	1.19	0.047	1.65	0.065	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD716050	TE716050PK	16	Grey	1.19	0.047	1.65	0.065	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD716100	TE716100PK	16	Grey	1.19	0.047	1.65	0.065	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD716150	TE716150PK	16	Grey	1.19	0.047	1.65	0.065	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD716200	TE716200PK	16	Grey	1.19	0.047	1.65	0.065	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000

AD717025	TE717025PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD717050	TE717050PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD717100	TE717100PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD717150	TE717150PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD718025	TE718025PK	18	Green	0.84	0.033	1.27	0.050	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD718050	TE718050PK	18	Green	0.84	0.033	1.27	0.050	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD718100	TE718100PK	18	Green	0.84	0.033	1.27	0.050	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD718150	TE718150PK	18	Green	0.84	0.033	1.27	0.050	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD718200	TE718200PK	18	Green	0.84	0.033	1.27	0.050	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD719025	TE719025PK	19	Lt. Green	0.70	0.027	1.05	0.041	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD719050	TE719050PK	19	Lt. Green	0.70	0.027	1.05	0.041	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD719100	TE719100PK	19	Lt. Green	0.70	0.027	1.05	0.041	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD719150	TE719150PK	19	Lt. Green	0.70	0.027	1.05	0.041	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD720025	TE720025PK	20	Pink	0.60	0.023	0.91	0.035	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD720050	TE720050PK	20	Pink	0.60	0.023	0.91	0.035	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD720100	TE720100PK	20	Pink	0.60	0.023	0.91	0.035	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD720150	TE720150PK	20	Pink	0.60	0.023	0.91	0.035	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD720200	TE720200PK	20	Pink	0.60	0.023	0.91	0.035	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD721025	TE721025PK	21	Purple	0.51	0.02	0.82	0.032	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD721050	TE721050PK	21	Purple	0.51	0.02	0.82	0.032	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD721100	TE721100PK	21	Purple	0.51	0.02	0.82	0.032	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD721150	TE721150PK	21	Purple	0.51	0.02	0.82	0.032	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD721200	TE721200PK	21	Purple	0.51	0.02	0.82	0.032	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD722025	TE722025PK	22	Blue	0.41	0.016	0.72	0.027	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD722050	TE722050PK	22	Blue	0.41	0.016	0.72	0.027	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD722100	TE722100PK	22	Blue	0.41	0.016	0.72	0.027	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD722150	TE722150PK	22	Blue	0.41	0.016	0.72	0.027	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD722200	TE722200PK	22	Blue	0.41	0.016	0.72	0.027	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD723025	TE723025PK	23	Orange	0.34	0.013	0.64	0.025	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD723050	TE723050PK	23	Orange	0.34	0.013	0.64	0.025	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD723100	TE723100PK	23	Orange	0.34	0.013	0.64	0.025	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD723150	TE723150PK	23	Orange	0.34	0.013	0.64	0.025	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD723200	TE723200PK	23	Orange	0.34	0.013	0.64	0.025	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD725025	TE725025PK	25	Red	0.26	0.010	0.51	0.020	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD725050	TE725050PK	25	Red	0.26	0.010	0.51	0.020	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD725100	TE725100PK	25	Red	0.26	0.010	0.51	0.020	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD725150	TE725150PK	25	Red	0.26	0.010	0.51	0.020	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD725200	TE725200PK	25	Red	0.26	0.010	0.51	0.020	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD726025	TE726025PK	26	Peach	0.24	0.009	0.45	0.018	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD726050	TE726050PK	26	Peach	0.24	0.009	0.45	0.018	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD726100	TE726100PK	26	Peach	0.24	0.009	0.45	0.018	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000

AD726150	TE726150PK	26	Peach	0.24	0.009	0.45	0.018	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD727025	TE727025PK	27	Clear	0.21	0.008	0.41	0.016	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD727050	TE727050PK	27	Clear	0.21	0.008	0.41	0.016	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD727100	TE727100PK	27	Clear	0.21	0.008	0.41	0.016	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD727150	TE727150PK	27	Clear	0.21	0.008	0.41	0.016	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD730025	TE730025PK	30	Lavender	0.16	0.006	0.31	0.012	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD730050	TE730050PK	30	Lavender	0.16	0.006	0.31	0.012	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD730100	TE730100PK	30	Lavender	0.16	0.006	0.31	0.012	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD732025	TE732025PK	32	Yellow	0.10	0.003	0.26	0.010	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD732050	TE732050PK	32	Yellow	0.10	0.003	0.26	0.010	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD734025	TE734025PK	34	Lime	0.08	0.002	0.21	0.008	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000

AD/ TE Precision Angled/ Bent Dispensing Tips

Polypro double helix Luer lock hub. Stainless steel tube. UV bonded hub to tube. UV filter plastic. Maximum pressure 100 PSI. Silicone-free. 45 or 90 degree bend.

For use with most adhesives, epoxies, inks, lubricants, silicones, UV cure, gels.

Blunt end burr-free tube.

Not recommended for Cyanoacrylate adhesives (use Teflon tips).

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD71405045	TE714050B45PK	14	Olive	1.55	0.061	1.83	0.072	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71405090	TE714050B90PK	14	Olive	1.55	0.061	1.83	0.072	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71410045	TE714100B45PK	14	Olive	1.55	0.061	1.83	0.072	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71410090	TE714100B90PK	14	Olive	1.55	0.061	1.83	0.072	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71415045	TE714150B45PK	14	Olive	1.55	0.061	1.83	0.072	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71415090	TE714150B90PK	14	Olive	1.55	0.061	1.83	0.072	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71505045	TE715050B45PK	15	Amber	1.37	0.054	1.76	0.069	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71505090	TE715050B90PK	15	Amber	1.37	0.054	1.76	0.069	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71510045	TE715100B45PK	15	Amber	1.37	0.054	1.76	0.069	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71510090	TE715100B90PK	15	Amber	1.37	0.054	1.76	0.069	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71515045	TE715150B45PK	15	Amber	1.37	0.054	1.76	0.069	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71515090	TE715150B90PK	15	Amber	1.37	0.054	1.76	0.069	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71605045	TE716050B45PK	16	Grey	1.19	0.047	1.65	0.065	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71605090	TE716050B90PK	16	Grey	1.19	0.047	1.65	0.065	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71610045	TE716100B45PK	16	Grey	1.19	0.047	1.65	0.065	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71610090	TE716100B90PK	16	Grey	1.19	0.047	1.65	0.065	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71615045	TE716150B45PK	16	Grey	1.19	0.047	1.65	0.065	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71615090	TE716150B90PK	16	Grey	1.19	0.047	1.65	0.065	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71705045	TE717050B45PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71705090	TE717050B90PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

AD71710045	TE717100B45PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71710090	TE717100B90PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71715045	TE717150B45PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71715090	TE717150B90PK	17	Dk. Yellow	1.04	0.041	1.5	0.059	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71805045	TE718050B45PK	18	Green	0.84	0.033	1.27	0.050	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71805090	TE718050B90PK	18	Green	0.84	0.033	1.27	0.050	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71810045	TE718100B45PK	18	Green	0.84	0.033	1.27	0.050	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71810090	TE718100B90PK	18	Green	0.84	0.033	1.27	0.050	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71815045	TE718150B45PK	18	Green	0.84	0.033	1.27	0.050	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71815090	TE718150B90PK	18	Green	0.84	0.033	1.27	0.050	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71905045	TE719050B45PK	19	Lt. Green	0.70	0.027	1.05	0.041	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71905090	TE719050B90PK	19	Lt. Green	0.70	0.027	1.05	0.041	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71910045	TE719100B45PK	19	Lt. Green	0.70	0.027	1.05	0.041	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71910090	TE719100B90PK	19	Lt. Green	0.70	0.027	1.05	0.041	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71915045	TE719150B45PK	19	Lt. Green	0.70	0.027	1.05	0.041	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD71915090	TE719150B90PK	19	Lt. Green	0.70	0.027	1.05	0.041	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72005045	TE720050B45PK	20	Pink	0.60	0.023	0.91	0.035	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72005090	TE720050B90PK	20	Pink	0.60	0.023	0.91	0.035	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72010045	TE720100B45PK	20	Pink	0.60	0.023	0.91	0.035	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72010090	TE720100B90PK	20	Pink	0.60	0.023	0.91	0.035	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72015045	TE720150B45PK	20	Pink	0.60	0.023	0.91	0.035	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72015090	TE720150B90PK	20	Pink	0.60	0.023	0.91	0.035	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72105045	TE721050B45PK	21	Purple	0.51	0.02	0.82	0.032	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72105090	TE721050B90PK	21	Purple	0.51	0.02	0.82	0.032	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72110045	TE721100B45PK	21	Purple	0.51	0.02	0.82	0.032	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72110090	TE721100B90PK	21	Purple	0.51	0.02	0.82	0.032	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72115045	TE721150B45PK	21	Purple	0.51	0.02	0.82	0.032	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72115090	TE721150B90PK	21	Purple	0.51	0.02	0.82	0.032	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72205045	TE722050B45PK	22	Blue	0.41	0.016	0.72	0.027	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72205090	TE722050B90PK	22	Blue	0.41	0.016	0.72	0.027	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72210045	TE722100B45PK	22	Blue	0.41	0.016	0.72	0.027	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72210090	TE722100B90PK	22	Blue	0.41	0.016	0.72	0.027	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72215045	TE722150B45PK	22	Blue	0.41	0.016	0.72	0.027	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72215090	TE722150B90PK	22	Blue	0.41	0.016	0.72	0.027	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72305045	TE723050B45PK	23	Orange	0.34	0.013	0.64	0.025	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72305090	TE723050B90PK	23	Orange	0.34	0.013	0.64	0.025	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72310045	TE723100B45PK	23	Orange	0.34	0.013	0.64	0.025	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72310090	TE723100B90PK	23	Orange	0.34	0.013	0.64	0.025	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72315045	TE723150B45PK	23	Orange	0.34	0.013	0.64	0.025	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72315090	TE723150B90PK	23	Orange	0.34	0.013	0.64	0.025	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

AD72505045	TE725050B45PK	25	Red	0.26	0.010	0.51	0.020	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72505090	TE725050B90PK	25	Red	0.26	0.010	0.51	0.020	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72510045	TE725100B45PK	25	Red	0.26	0.010	0.51	0.020	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72510090	TE725100B90PK	25	Red	0.26	0.010	0.51	0.020	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72515045	TE725150B45PK	25	Red	0.26	0.010	0.51	0.020	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72515090	TE725150B90PK	25	Red	0.26	0.010	0.51	0.020	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72605045	TE726050B45PK	26	Peach	0.24	0.009	0.45	0.018	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72605090	TE726050B90PK	26	Peach	0.24	0.009	0.45	0.018	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72610045	TE726100B45PK	26	Peach	0.24	0.009	0.45	0.018	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72610090	TE726100B90PK	26	Peach	0.24	0.009	0.45	0.018	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72615045	TE726150B45PK	26	Peach	0.24	0.009	0.45	0.018	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72615090	TE726150B90PK	26	Peach	0.24	0.009	0.45	0.018	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72705045	TE727050B45PK	27	Clear	0.21	0.008	0.41	0.016	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72705090	TE727050B90PK	27	Clear	0.21	0.008	0.41	0.016	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72710045	TE727100B45PK	27	Clear	0.21	0.008	0.41	0.016	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72710090	TE727100B90PK	27	Clear	0.21	0.008	0.41	0.016	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72715045	TE727150B45PK	27	Clear	0.21	0.008	0.41	0.016	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD72715090	TE727150B90PK	27	Clear	0.21	0.008	0.41	0.016	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD73005045	TE730050B45PK	30	Lavender	0.16	0.006	0.31	0.012	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD73005090	TE730050B90PK	30	Lavender	0.16	0.006	0.31	0.012	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD73010045	TE730100B45PK	30	Lavender	0.16	0.006	0.31	0.012	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD73010090	TE730100B90PK	30	Lavender	0.16	0.006	0.31	0.012	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD73015045	TE730150B45PK	30	Lavender	0.16	0.006	0.31	0.012	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
AD73015090	TE730150B90PK	30	Lavender	0.16	0.006	0.31	0.012	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

AD/ TTN Smooth Flow Tapered Dispensing Tips

Polyethylene material. Double helix Luer lock hub. UV filter plastics. Maximum pressure 100 PSI. Silicone-free materials.

For use with silicones, sealants, solder pastes, braze pastes, epoxies, potting compounds.

Can be used with Cyanoacrylate gels.

Reduces fluid pressure when dispensing high viscosity pastes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD14TT	TTN14	14	Olive	1.55	0.061	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
AD16TT	TTN16	16	Grey	1.20	0.047	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
AD18TT	TTN18	18	Green	0.84	0.033	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
AD20TT	TTN20	20	Pink	0.61	0.023	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
AD22TT	TTN22	22	Blue	0.41	0.016	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
AD25TT	TTN25	25	Red	0.25	0.010	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
AD27TTE	TTN27E	27	Orange	0.20	0.008	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
AD27TT	TN27	27	Clear	0.20	0.008	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000

TTNE Smooth Flow Budget Tapered Dispensing Tips

Polyethylene material. Double helix Luer lock hub. UV block plastics. Opaque Colour. Maximum pressure 100 PSI. Silicone-free materials.

For use with silicones, sealants, solder pastes, braze pastes, epoxies, potting compounds.

Can be used with Cyanoacrylate gels.

Reduces fluid pressure when dispensing high viscosity pastes.

* Allow 5-7 days for these items.

All tips supplied in sealed packs with labels and batch codes.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TTN14E	TN14E	14	Salmon	1.61	0.063	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TTN16E	TN16E	16	Charcoal	1.22	0.048	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TTN18E	TN18E	18	Green	0.89	0.035	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TTN20E	TN20E	20	Pink	0.62	0.024	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TTN22E	TN20E	22	Blue	0.43	0.017	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TTN24E	TN24E	24	Red	0.33	0.013	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000

TT-DHUV Smooth Flow Tapered Dispensing Tips

Polyethylene material. Double helix Luer lock hub. UV filter plastics. Maximum pressure 100 PSI. Silicone-free materials.

For use with silicones, sealants, solder pastes, braze pastes, epoxies, potting compounds.

Can be used with Cyanoacrylate gels.

Reduces fluid pressure when dispensing high viscosity pastes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TT14-DHUV-PK	TT14-DHUV-PK	14	Olive	1.60	0.063	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT16-DHUV-PK	TT16-DHUV-PK	16	Grey	1.19	0.046	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT18-DHUV-PK	TT18-DHUV-PK	18	Green	0.84	0.033	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT20-DHUV-PK	TT20-DHUV-PK	20	Pink	0.61	0.023	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT22-DHUV-PK	TT22-DHUV-PK	22	Blue	0.41	0.016	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT25-DHUV-PK	TT25-DHUV-PK	25	Red	0.25	0.010	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT27-DHUV-PK	TT27-DHUV-PK	27	Orange	0.20	0.008	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000

TT-RIGID Smooth Flow Tapered Dispensing Tips

Polyethylene material. Double helix Luer lock hub. UV block plastics. Opaque colour. Rigid Plastic. Maximum pressure 100 PSI. Silicone-free materials.

For use with silicones, sealants, solder pastes, braze pastes, epoxies, potting compounds.

Can be used with Cyanoacrylate gels.

Reduces fluid pressure when dispensing high viscosity pastes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TT14-RIGID-PK	TT14-RIGID-PK	14	Olive	1.60	0.063	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT16-RIGID-PK	TT16-RIGID-PK	16	Grey	1.19	0.046	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT18-RIGID-PK	TT18-RIGID-PK	18	Green	0.84	0.033	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT20-RIGID-PK	TT20-RIGID-PK	20	Pink	0.61	0.023	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT22-RIGID-PK	TT22-RIGID-PK	22	Blue	0.41	0.016	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT25-RIGID-PK	TT25-RIGID-PK	25	Red	0.25	0.010	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000
TT27-RIGID-PK	TT27-RIGID-PK	27	Orange	0.20	0.008	n/a	n/a	31.75	1.25	0.03mm +/-	n/a	50, 500 or 1000

TS Crimped Hub Precision Dispensing Tips

Polypro Luer lock hub. Stainless steel tube. Crimped aluminium sleeve hub to tube. UV block opaque plastic hub. Maximum pressure 100 PSI. Silicone-free materials.

For use with most adhesives, epoxies, liquids, gels. Especially useful for solvent based liquids as crimp adds to robustness.

Blunt end burr-free tube.

Not recommended for Cyanoacrylate adhesives (use Teflon tips).

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TS18-1/2	TS18-1/2	18	Pink	0.84	0.033	1.27	0.050	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS18-1	TS18-1	18	Pink	0.84	0.033	1.27	0.050	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS18-1-1/2	TS18-1-1/2	18	Pink	0.84	0.033	1.27	0.050	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS19-1/2	TS19-1/2	19	Brown	0.71	0.028	1.14	0.045	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS19-1	TS19-1	19	Brown	0.71	0.028	1.14	0.045	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS20-1/2	TS20-1/2	20	Yellow	0.61	0.024	0.91	0.036	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS20-1	TS20-1	20	Yellow	0.61	0.024	0.91	0.036	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS21-1/2	TS21-1/2	21	Green	0.51	0.020	0.81	0.032	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS21-1	TS21-1	21	Green	0.51	0.020	0.81	0.032	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS22-1/2	TS22-1/2	22	Black	0.41	0.016	0.71	0.028	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS22-1	TS22-1	22	Black	0.41	0.016	0.71	0.028	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS23-1/4	TS23-1/4	23	Blue	0.33	0.013	0.64	0.025	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS23-1/2	TS23-1/2	23	Blue	0.33	0.013	0.64	0.025	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS23-1	TS23-1	23	Blue	0.33	0.013	0.64	0.025	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS25-1/2	TS25-1/2	25	Lt. Blue	0.25	0.010	0.51	0.020	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

TS26-1/2	TS26-1/2	26	Beige	0.25	0.010	0.45	0.018	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS26-1	TS26-1	26	Beige	0.25	0.010	0.45	0.018	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS27-1/4	TS27-1/4	27	Grey	0.2	0.008	0.41	0.016	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS30-1/4	TS30-1/4	30	Lavender	0.16	0.006	0.31	0.012	6.35	0.25	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS30-5/16	TS30-5/16	30	Lavender	0.16	0.006	0.31	0.012	7.93	0.31	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS30-1/2	TS30-1/2	30	Lavender	0.16	0.006	0.31	0.012	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

TES Crimped Hub Precision Dispensing Tips

Polypyo double helix Luer lock hub. Stainless steel tube. Crimped aluminium hub to tube. UV block opaque plastic hub. Maximum pressure 100 PSI. Silicone-free.

For use with most adhesives, epoxies, liquids, gels. Especially useful for solvent based liquids as crimp adds to robustness.

Blunt end burr-free tube.

Not recommended for Cyanoacrylate adhesives (use Teflon tips).

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TES14-1/2	TES14050	14	Olive	1.55	0.061	1.83	0.072	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES14-1	TES14100	14	Olive	1.55	0.061	1.83	0.072	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES15-1/2	TES15050	15	Grey	1.37	0.054	1.65	0.065	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES15-1	TES15100	15	Grey	1.37	0.054	1.65	0.065	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES18-1/2	TES18050	18	Green	0.84	0.033	1.27	0.050	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES18-1	TES18100	18	Green	0.84	0.033	1.27	0.050	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES20-1/2	TES20050	20	Pink	0.61	0.024	0.91	0.036	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES20-1	TES20100	20	Pink	0.61	0.024	0.91	0.036	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES21-1/2	TES21050	21	Purple	0.51	0.020	0.81	0.032	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES21-1	TES21100	21	Purple	0.51	0.020	0.81	0.032	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES22-1/2	TES22050	22	Blue	0.41	0.016	0.71	0.028	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES22-1	TES22100	22	Blue	0.41	0.016	0.71	0.028	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES23-1/2	TES23050	23	Orange	0.33	0.013	0.64	0.025	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES23-1	TES23100	23	Orange	0.33	0.013	0.64	0.025	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES25-1/2	TES25050	25	Red	0.25	0.010	0.51	0.020	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES25-1	TES25100	25	Red	0.25	0.010	0.51	0.020	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES27-1/2	TES27050	27	Clear	0.21	0.008	0.41	0.016	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TES27-1	TES27100	27	Clear	0.21	0.008	0.41	0.016	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

PP Series Polypro Flexible Dispensing Tips

Polypro double helix Luer lock hub. Polypro white flexible tube. Bonded hub to tube. UV filter plastic tip. Maximum pressure 100 PSI. Silicone-free materials.

For use with adhesives, Cyanoacrylates, inks, paints, gels, potting compounds.

Soft tube will not damage sensitive substrates,

Suitable for use with Cyanoacrylate adhesives.

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
3114PPS	PP14050	14	Olive	1.40	0.056	1.80	0.071	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3114PP-1	PP14100	14	Olive	1.40	0.056	1.80	0.071	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3114PP	PP14150	14	Olive	1.40	0.056	1.80	0.071	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3114PP-3	PP14300	14	Olive	1.40	0.056	1.80	0.071	76.20	3.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3115PPS	PP15050	15	Amber	1.35	0.053	1.65	0.065	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3115PP-1	PP15100	15	Amber	1.35	0.053	1.65	0.065	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3115PP	PP15150	15	Amber	1.35	0.053	1.65	0.065	38.10	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3115PP-2	PP15150	15	Amber	1.35	0.053	1.65	0.065	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3118PPS	PP18050	18	Green	0.80	0.031	1.46	0.057	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3118PP-1	PP18100	18	Green	0.80	0.031	1.46	0.057	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3118PP	PP18150	18	Green	0.80	0.031	1.46	0.057	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3120PPS	PP20050	20	Pink	0.62	0.023	0.90	0.035	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3120PP-1	PP20100	20	Pink	0.62	0.023	0.90	0.035	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3120PP	PP20150	20	Pink	0.62	0.023	0.90	0.035	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3122PPS	PP22050	22	Blue	0.51	0.020	0.81	0.032	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3122PP-1	PP22100	22	Blue	0.51	0.020	0.81	0.032	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3122PP	PP22150	22	Blue	0.51	0.020	0.81	0.032	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3125PPS	TES22100	25	Red	0.25	0.010	0.41	0.020	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3125PP-1	TES23050	25	Red	0.25	0.010	0.41	0.020	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
3125PP	TES23100	25	Red	0.25	0.010	0.41	0.020	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

TSP Series Polypro Flexible Dispensing Tips

Polypropylene Luer lock hub to Polypro flexible tube. Bonded sleeve hub to tube. UV filter plastic tip. Maximum pressure 100 PSI. Silicone-free materials. For use with adhesives, Cyanoacrylates, inks, paints, gels, potting compounds.

Soft tube will not damage sensitive substrates,

Suitable for use with Cyanoacrylate adhesives.

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TSP14	TSP14	14	White	1.55	0.063	1.95	0.076	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP14-2	TSP14-2	14	White	1.55	0.063	1.95	0.076	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP15	TSP15	15	White	1.37	0.054	1.65	0.065	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP15-1-1/2	TSP15-1-1/2	15	Grey	1.37	0.054	1.65	0.065	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP16	TSP16	16	White	1.19	0.047	1.47	0.058	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP16-1-1/2	TSP16-1-1/2	16	Brown	1.19	0.047	1.47	0.058	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP18	TSP18	18	White	0.84	0.033	1.27	0.050	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP18-1-1/2	TSP18-1-1/2	18	Pink	0.84	0.033	1.27	0.050	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP20	TSP20	20	White	0.58	0.023	0.91	0.036	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP20-1-1/2	TSP20-1-1/2	20	Yellow	0.58	0.023	0.91	0.036	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP22	TSP22	22	White	0.48	0.019	0.80	0.031	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP22-1-1/2	TSP22-1-1/2	23	Black	0.48	0.019	0.80	0.031	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP25	TSP25	25	White	0.35	0.014	0.67	0.026	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TSP25-1-1/2	TSP25-1-1/2	25	Red	0.35	0.014	0.67	0.026	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000

TLC Series Crimped Teflon Lined Dispensing Tips

Polypro double helix Luer lock hub. Teflon clear tube crimped inside stainless steel tube. UV filter plastic hub. Maximum pressure 100 PSI. Silicone-free materials.

For use with Cyanoacrylate adhesives, anaerobics and solvents.

Soft tube end will not damage sensitive substrates,

Recommended for use with Cyanoacrylate adhesives.

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD5121TLCS	AD5121TLCS	21	Grey	0.51	0.020	1.65	0.065	12.70	0.50	0.02mm +/-	0.02mm +/-	50, 500 or 1000
AD5121TLC	AD5121TLC	21	Grey	0.51	0.020	1.65	0.065	25.40	1.00	0.02mm +/-	0.02mm +/-	50, 500 or 1000
AD5125TLCS	AD5125TLCS	25	Pink	0.30	0.012	1.27	0.050	12.70	0.50	0.02mm +/-	0.02mm +/-	50, 500 or 1000
AD5125TLC	AD5125TLC	25	Pink	0.30	0.012	1.27	0.050	25.40	1.00	0.02mm +/-	0.02mm +/-	50, 500 or 1000
AD5127TLCS	AD5127TLCS	27	Red	0.20	0.008	0.81	0.032	12.70	0.50	0.02mm +/-	0.02mm +/-	50, 500 or 1000
AD5127TLC	AD5127TLC	27	Red	0.20	0.008	0.81	0.032	25.40	1.00	0.02mm +/-	0.02mm +/-	50, 500 or 1000

TF Series Teflon Flexible Dispensing Tips

Polypro double helix Luer lock hub. Teflon clear flexible tube. Bonded sleeve hub to tube. UV filter plastic tip. Maximum pressure 100 PSI. Silicone-free materials.

For use with Cyanoacrylate adhesives, anaerobics and solvents.

Soft tube end will not damage sensitive substrates,

Recommended for use with Cyanoacrylate adhesives.

All tips supplied in sealed packs with labels and batch codes.

Items ship from stock (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TF14-1/2	TF14-1/2	14	Olive	1.67	0.066	2.08	0.082	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF14-1	TF14-1	14	Olive	1.40	0.056	1.80	0.071	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF14-15	TF14-15	14	Olive	1.40	0.056	1.80	0.071	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF14-2	TF14-2	14	Olive	1.40	0.056	1.80	0.071	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF14-3	TF14-3	14	Olive	1.40	0.056	1.80	0.071	76.20	3.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF16-1/2	TF16-1/2	16	Purple	1.34	0.053	1.65	0.065	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF16-1	TF16-1	16	Purple	1.34	0.053	1.65	0.065	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF16-15	TF16-15	16	Purple	1.34	0.053	1.65	0.065	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF16-2	TF16-2	16	Purple	1.34	0.053	1.65	0.065	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF16-3	TF16-3	16	Purple	1.34	0.053	1.65	0.065	76.20	3.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF18-1/2	TF18-1/2	18	Pink	1.06	0.042	1.37	0.064	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF18-1	TF18-1	18	Pink	1.06	0.042	1.37	0.064	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF18-15	TF18-15	18	Pink	1.06	0.042	1.37	0.064	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF18-2	TF18-2	18	Pink	1.06	0.042	1.37	0.064	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF18-3	TF18-3	18	Pink	1.06	0.042	1.37	0.064	76.20	3.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF20-1/2	TF20-1/2	20	Yellow	0.86	0.034	1.17	0.046	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF20-1	TF20-1	20	Yellow	0.86	0.034	1.17	0.046	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF20-15	TF20-15	20	Yellow	0.86	0.034	1.17	0.046	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF20-2	TF20-2	20	Yellow	0.86	0.034	1.17	0.046	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF20-3	TF20-3	20	Yellow	0.86	0.034	1.17	0.046	76.20	3.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF22-0.375	TF22-0.375	22	Black	0.71	0.028	1.02	0.040	9.52	0.375	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF22-1/2	TF22-1/2	22	Black	0.71	0.028	1.02	0.040	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF22-1	TF22-1	22	Black	0.71	0.028	1.02	0.040	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF22-2	TF22-2	22	Black	0.71	0.028	1.02	0.040	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF23-1/2	TF23-1/2	23	Blue	0.66	0.026	0.97	0.038	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF24-1/2	TF24-1/2	24	Red	0.56	0.022	0.86	0.034	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF30-1/2	TF30-1/2	30	Lavender	0.31	0.012	0.61	0.024	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF30-1	TF30-1	30	Lavender	0.31	0.012	0.61	0.024	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF30-15	TF30-15	30	Lavender	0.31	0.012	0.61	0.024	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TF30-2	TF30-2	30	Lavender	0.31	0.012	0.61	0.024	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000

TSM Aluminium Hub Precision Dispensing Tips

Aluminium Luer lock hub. Stainless steel tube. Welded aluminium sleeve hub to tube. UV block opaque materials. Maximum pressure 100 PSI. Silicone-free materials.

For use with most adhesives, epoxies, liquids, gels. Especially useful for aggressive solvents and chemicals.

Blunt end burr-free tube.

Not recommended for Cyanoacrylate adhesives (use Teflon tips).

All tips supplied in sealed packs with labels and batch codes.

Most items ship from stock, some are built to order - please contact us for details.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TS14-1/2MPK	TS14-1/2MPK	14	Silver	1.60	0.063	1.82	0.072	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS14-1MPK	TS14-1MPK	14	Silver	1.60	0.063	1.82	0.072	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS14-15MPK	TS14-15MPK	14	Silver	1.60	0.063	1.82	0.072	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS14-2MPK	TS14-2MPK	14	Silver	1.60	0.063	1.82	0.072	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS15-1/2MPK	TS15-1/2MPK	15	Silver	1.37	0.054	1.69	0.066	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS15-1MPK	TS15-1MPK	15	Silver	1.37	0.054	1.69	0.065	25.80	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS15-15MPK	TS15-15MPK	15	Silver	1.37	0.054	1.69	0.065	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS15-2MPK	TS15-2MPK	15	Silver	1.37	0.054	1.69	0.065	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS16-1/2MPK	TS16-1/2MPK	16	Silver	1.19	0.047	1.45	0.057	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS16-1MPK	TS16-1MPK	16	Silver	1.19	0.047	1.45	0.057	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS16-15MPK	TS16-15MPK	16	Silver	1.19	0.047	1.45	0.057	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS16-2MPK	TS16-2MPK	16	Silver	1.19	0.047	1.45	0.057	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS17-1/2MPK	TS17-1/2MPK	17	Silver	1.09	0.043	1.59	0.059	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS17-1MPK	TS17-1MPK	17	Silver	1.09	0.043	1.59	0.059	25.80	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS17-15MPK	TS17-15MPK	17	Silver	1.09	0.043	1.59	0.059	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS17-2MPK	TS17-2MPK	17	Silver	1.09	0.043	1.59	0.059	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS18-1/2MPK	TS18-1/2MPK	18	Silver	0.84	0.033	1.27	0.050	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS18-1MPK	TS18-1MPK	18	Silver	0.84	0.033	1.27	0.050	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS18-15MPK	TS18-15MPK	18	Silver	0.84	0.033	1.27	0.050	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS18-2MPK	TS18-2MPK	18	Silver	0.84	0.033	1.27	0.050	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS19-1/2MPK	TS19-1/2MPK	19	Silver	0.70	0.028	1.10	0.043	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS19-1MPK	TS19-1MPK	19	Silver	0.70	0.028	1.10	0.043	25.80	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS19-15MPK	TS19-15MPK	19	Silver	0.70	0.028	1.10	0.043	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS19-2MPK	TS19-2MPK	19	Silver	0.70	0.028	1.10	0.043	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS20-1/2MPK	TS20-1/2MPK	20	Silver	0.71	0.028	1.14	0.045	12.70	0.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS20-1MPK	TS20-1MPK	20	Silver	0.71	0.028	1.14	0.045	25.40	1.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS20-15MPK	TS20-15MPK	20	Silver	0.71	0.028	1.14	0.045	38.10	1.50	0.03mm +/-	0.02mm +/-	50, 500 or 1000
TS20-2MPK	TS20-2MPK	20	Silver	0.71	0.028	1.14	0.045	50.80	2.00	0.03mm +/-	0.02mm +/-	50, 500 or 1000

Micron-S Tapered Ultra Precision Dispensing Tips

Polypropylene double helix Luer lock hub. Nickel plated. Conical fluid path design. UV block opaque materials. Maximum pressure 100 PSI. Silicone-free materials.

For use with most adhesives, epoxies, liquids, gels. Especially useful for aggressive solvents and chemicals as well as automated machine applications.

Very high precision tips.

Smooth flow design reduces fluid pressure.

Not suitable for Cyanoacrylate adhesives.

Not stock items - please contact us for lead times.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
5901001	5901001	17	Pink	1.04	0.041	1.25	0.049	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901002	5901002	18	Tan	0.86	0.034	1.07	0.042	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901003	5901003	19	Green	0.69	0.027	0.89	0.035	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901004	5901004	20	Lt. Blue	0.61	0.024	0.81	0.032	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901005	5901005	21	Purple	0.56	0.022	0.63	0.025	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901006	5901006	22	White	0.44	0.017	0.51	0.020	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901007	5901007	23	Silver	0.33	0.013	0.41	0.016	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901008	5901008	27	Silver	0.23	0.009	0.30	0.012	18.25	0.72	0.02mm +/-	0.02mm +/-	8
5901009	5901009	30	Silver	0.16	0.006	0.24	0.010	18.25	0.72	0.02mm +/-	0.02mm +/-	5
5901010	5901010	32	Silver	0.11	0.004	0.20	0.008	18.25	0.72	0.02mm +/-	0.02mm +/-	5
5901011	5901011	36	Silver	0.06	0.002	0.16	0.006	18.25	0.72	0.02mm +/-	0.02mm +/-	5

MMT Tapered Ultra Precision Dispensing Tips

Stainless steel Luer lock hub. Conical fluid path design. UV block opaque materials. Maximum pressure 100 PSI. Silicone-free materials.

For use with most adhesives, epoxies, liquids, gels. Especially useful for aggressive solvents and chemicals as well as automated machine applications.

Very high precision tips.

Smooth flow design reduces fluid pressure.

Not suitable for Cyanoacrylate adhesives.

Not stock items - please contact us for lead times.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
MMT002	MMT002	20	Silver	0.60	0.024	0.80	0.031	18.25	0.72	0.02mm +/-	0.02mm +/-	1
MMT025	MMT025	21	Silver	0.50	0.020	0.57	0.022	18.25	0.72	0.02mm +/-	0.02mm +/-	1
MMT003	MMT003	22	Silver	0.40	0.016	0.47	0.019	18.25	0.72	0.02mm +/-	0.02mm +/-	1
MMT003	MMT003	23	Silver	0.30	0.012	0.37	0.015	18.25	0.72	0.02mm +/-	0.02mm +/-	1
MMT025	MMT025	27	Silver	0.25	0.010	0.32	0.013	18.25	0.72	0.02mm +/-	0.02mm +/-	1
MMT002	MMT002	30	Silver	0.20	0.008	0.27	0.011	18.25	0.72	0.02mm +/-	0.02mm +/-	1

AD/TSS All-Metal High Precision Dispensing Tips

Nickel plated Luer lock hub to 304 stainless steel tube. UV block opaque materials. Maximum pressure 100 PSI. Silicone-free materials.

For use with most adhesives, epoxies, liquids, gels. Useful for aggressive solvents and chemicals & automated machine applications.

Very high precision tips.

Smooth flow design reduces fluid pressure.

Not ideal for Cyanoacrylate adhesives.

Stock items - most items available next day.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
TS8SS-1/4	TS8SS-1/4	8	Silver	3.28	0.129	4.04	0.159	6.35	0.25	0.02mm +/-	0.02mm +/-	10
TS8SS-1/2	TS8SS-1/2	8	Silver	3.28	0.129	4.04	0.159	12.50	0.50	0.02mm +/-	0.02mm +/-	10
TS8SS-1	TS8SS-1	8	Silver	3.28	0.129	4.04	0.159	25.80	1.00	0.02mm +/-	0.02mm +/-	10
TS8SS-15	TS8SS-15	8	Silver	3.28	0.129	4.04	0.159	38.00	1.50	0.02mm +/-	0.02mm +/-	10
TS8SS-2	TS8SS-2	8	Silver	3.28	0.129	4.04	0.159	50.00	2.00	0.02mm +/-	0.02mm +/-	10
TS9SS-1/4	TS9SS-1/4	9	Silver	2.87	0.113	3.69	0.145	6.35	0.25	0.02mm +/-	0.02mm +/-	10
TS9SS-1/2	TS9SS-1/2	9	Silver	2.87	0.113	3.69	0.145	12.50	0.50	0.02mm +/-	0.02mm +/-	10
TS9SS-1	TS9SS-1	9	Silver	2.87	0.113	3.69	0.145	25.80	1.00	0.02mm +/-	0.02mm +/-	10
TS9SS-15	TS9SS-15	9	Silver	2.87	0.113	3.69	0.145	38.00	1.50	0.02mm +/-	0.02mm +/-	10
TS9SS-2	TS9SS-2	9	Silver	2.87	0.113	3.69	0.145	50.00	2.00	0.02mm +/-	0.02mm +/-	10
TS10SS-1/4	TS10SS-1/4	10	Silver	2.50	0.098	3.30	0.130	6.35	0.25	0.02mm +/-	0.02mm +/-	10
TS10SS-1/2	TS10SS-1/2	10	Silver	2.50	0.098	3.30	0.130	12.50	0.50	0.02mm +/-	0.02mm +/-	10
TS10SS-1	TS10SS-1	10	Silver	2.50	0.098	3.30	0.130	25.80	1.00	0.02mm +/-	0.02mm +/-	10
TS10SS-15	TS10SS-15	10	Silver	2.50	0.098	3.30	0.130	38.00	1.50	0.02mm +/-	0.02mm +/-	10
TS10SS-2	TS10SS-2	10	Silver	2.50	0.098	3.30	0.130	50.00	2.00	0.02mm +/-	0.02mm +/-	10
TS11SS-1/4	TS11SS-1/4	11	Silver	2.30	0.091	2.95	0.116	6.35	0.25	0.02mm +/-	0.02mm +/-	10
TS11SS-1/2	TS11SS-1/2	11	Silver	2.30	0.091	2.95	0.116	12.50	0.50	0.02mm +/-	0.02mm +/-	10
TS11SS-1	TS11SS-1	11	Silver	2.30	0.091	2.95	0.116	25.80	1.00	0.02mm +/-	0.02mm +/-	10
TS11SS-15	TS11SS-15	11	Silver	2.30	0.091	2.95	0.116	38.00	1.50	0.02mm +/-	0.02mm +/-	10
TS11SS-2	TS11SS-2	11	Silver	2.30	0.091	2.95	0.116	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD12SS-1/4	TS12SS-1/4	12	Silver	2.18	0.086	2.77	0.109	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD12SS-1/2	TS12SS-1/2	12	Silver	2.30	0.091	2.95	0.116	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD12SS-1	TS12SS-1	12	Silver	2.30	0.091	2.95	0.116	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD12SS-15	TS12SS-15	12	Silver	2.30	0.091	2.95	0.116	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD12SS-2	TS12SS-2	12	Silver	2.30	0.091	2.95	0.116	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD13SS-1/4	TS13SS-1/4	13	Silver	1.94	0.077	2.40	0.094	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD13SS-1/2	TS13SS-1/2	13	Silver	1.94	0.077	2.40	0.094	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD13SS-1	TS13SS-1	13	Silver	1.94	0.077	2.40	0.094	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD13SS-15	TS13SS-15	13	Silver	1.94	0.077	2.40	0.094	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD13SS-2	TS13SS-2	13	Silver	1.94	0.077	2.40	0.094	50.00	2.00	0.02mm +/-	0.02mm +/-	10

AD14SS-1/4	TS14SS-1/4	14	Silver	1.64	0.064	2.10	0.083	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD14SS-1/2	TS14SS-1/2	14	Silver	1.64	0.064	2.10	0.083	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD14SS-1	TS14SS-1	14	Silver	1.64	0.064	2.10	0.083	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD14SS-15	TS14SS-15	14	Silver	1.64	0.064	2.10	0.083	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD14SS-2	TS14SS-2	14	Silver	1.64	0.064	2.10	0.083	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD15SS-1/4	TS15SS-1/4	15	Silver	1.38	0.054	1.84	0.072	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD15SS-1/2	TS15SS-1/2	15	Silver	1.38	0.054	1.84	0.072	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD15SS-1	TS15SS-1	15	Silver	1.38	0.054	1.84	0.072	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD15SS-15	TS15SS-15	15	Silver	1.38	0.054	1.84	0.072	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD15SS-2	TS15SS-2	15	Silver	1.38	0.054	1.84	0.072	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD16SS-1/4	TS16SS-1/4	16	Silver	1.20	0.048	1.65	0.065	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD16SS-1/2	TS16SS-1/2	16	Silver	1.20	0.048	1.65	0.065	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD16SS-1	TS16SS-1	16	Silver	1.20	0.048	1.65	0.065	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD16SS-16	TS16SS-16	16	Silver	1.20	0.048	1.65	0.065	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD16SS-2	TS16SS-2	16	Silver	1.20	0.048	1.65	0.065	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD17SS-1/4	TS17SS-1/4	17	Silver	1.09	0.043	1.59	0.059	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD17SS-1/2	TS17SS-1/2	17	Silver	1.09	0.043	1.59	0.059	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD17SS-1	TS17SS-1	17	Silver	1.09	0.043	1.59	0.059	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD17SS-17	TS17SS-17	17	Silver	1.09	0.043	1.59	0.059	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD17SS-2	TS17SS-2	17	Silver	1.09	0.043	1.59	0.059	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD18SS-1/4	TS18SS-1/4	18	Silver	0.91	0.036	1.25	0.050	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD18SS-1/2	TS18SS-1/2	18	Silver	0.91	0.036	1.25	0.050	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD18SS-1	TS18SS-1	18	Silver	0.91	0.036	1.25	0.050	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD18SS-18	TS18SS-18	18	Silver	0.91	0.036	1.25	0.050	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD18SS-2	TS18SS-2	18	Silver	0.91	0.036	1.25	0.050	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD19SS-1/4	TS19SS-1/4	19	Silver	0.70	0.028	1.10	0.043	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD19SS-1/2	TS19SS-1/2	19	Silver	0.70	0.028	1.10	0.043	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD19SS-1	TS19SS-1	19	Silver	0.70	0.028	1.10	0.043	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD19SS-19	TS19SS-19	19	Silver	0.70	0.028	1.10	0.043	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD19SS-2	TS19SS-2	19	Silver	0.70	0.028	1.10	0.043	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD20SS-1/4	TS20SS-1/4	20	Silver	0.60	0.023	0.90	0.035	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD20SS-1/2	TS20SS-1/2	20	Silver	0.60	0.023	0.90	0.035	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD20SS-1	TS20SS-1	20	Silver	0.60	0.023	0.90	0.035	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD20SS-20	TS20SS-20	20	Silver	0.60	0.023	0.90	0.035	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD20SS-2	TS20SS-2	20	Silver	0.60	0.023	0.90	0.035	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD21SS-1/4	TS21SS-1/4	21	Silver	0.51	0.020	0.81	0.032	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD21SS-1/2	TS21SS-1/2	21	Silver	0.51	0.020	0.81	0.032	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD21SS-1	TS21SS-1	21	Silver	0.51	0.020	0.81	0.032	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD21SS-21	TS21SS-21	21	Silver	0.51	0.020	0.81	0.032	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD21SS-2	TS21SS-2	21	Silver	0.51	0.020	0.81	0.032	50.00	2.00	0.02mm +/-	0.02mm +/-	10

AD22SS-1/4	TS22SS-1/4	22	Silver	0.40	0.016	0.71	0.028	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD22SS-1/2	TS22SS-1/2	22	Silver	0.40	0.016	0.71	0.028	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD22SS-1	TS22SS-1	22	Silver	0.40	0.016	0.71	0.028	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD22SS-22	TS22SS-22	22	Silver	0.40	0.016	0.71	0.028	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD22SS-2	TS22SS-2	22	Silver	0.40	0.016	0.71	0.028	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD23SS-1/4	TS23SS-1/4	23	Silver	0.34	0.013	0.64	0.025	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD23SS-1/2	TS23SS-1/2	23	Silver	0.34	0.013	0.64	0.025	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD23SS-1	TS23SS-1	23	Silver	0.34	0.013	0.64	0.025	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD23SS-23	TS23SS-23	23	Silver	0.34	0.013	0.64	0.025	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD23SS-2	TS23SS-2	23	Silver	0.34	0.013	0.64	0.025	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD24SS-1/4	TS24SS-1/4	24	Silver	0.31	0.012	0.56	0.022	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD24SS-1/2	TS24SS-1/2	24	Silver	0.31	0.012	0.56	0.022	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD24SS-1	TS24SS-1	24	Silver	0.31	0.012	0.56	0.022	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD24SS-24	TS24SS-24	24	Silver	0.31	0.012	0.56	0.022	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD24SS-2	TS24SS-2	24	Silver	0.31	0.012	0.56	0.022	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD25SS-1/4	TS25SS-1/4	25	Silver	0.26	0.010	0.51	0.020	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD25SS-1/2	TS25SS-1/2	25	Silver	0.26	0.010	0.51	0.020	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD25SS-1	TS25SS-1	25	Silver	0.26	0.010	0.51	0.020	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD25SS-25	TS25SS-25	25	Silver	0.26	0.010	0.51	0.020	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD25SS-2	TS25SS-2	25	Silver	0.26	0.010	0.51	0.020	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD26SS-1/4	TS26SS-1/4	26	Silver	0.25	0.010	0.46	0.018	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD26SS-1/2	TS26SS-1/2	26	Silver	0.25	0.010	0.46	0.018	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD26SS-1	TS26SS-1	26	Silver	0.25	0.010	0.46	0.018	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD26SS-26	TS26SS-26	26	Silver	0.25	0.010	0.46	0.018	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD26SS-2	TS26SS-2	26	Silver	0.25	0.010	0.46	0.018	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD27SS-1/4	TS27SS-1/4	27	Silver	0.21	0.008	0.41	0.016	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD27SS-1/2	TS27SS-1/2	27	Silver	0.21	0.008	0.41	0.016	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD27SS-1	TS27SS-1	27	Silver	0.21	0.008	0.41	0.016	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD27SS-27	TS27SS-27	27	Silver	0.21	0.008	0.41	0.016	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD27SS-2	TS27SS-2	27	Silver	0.21	0.008	0.41	0.016	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD28SS-1/4	TS28SS-1/4	28	Silver	0.18	0.007	0.35	0.014	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD28SS-1/2	TS28SS-1/2	28	Silver	0.18	0.007	0.35	0.014	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD28SS-1	TS28SS-1	28	Silver	0.18	0.007	0.35	0.014	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD28SS-28	TS28SS-28	28	Silver	0.18	0.007	0.35	0.014	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD28SS-2	TS28SS-2	28	Silver	0.18	0.007	0.35	0.014	50.00	2.00	0.02mm +/-	0.02mm +/-	10
AD30SS-1/4	TS30SS-1/4	30	Silver	0.15	0.006	0.30	0.012	6.35	0.25	0.02mm +/-	0.02mm +/-	10
AD30SS-1/2	TS30SS-1/2	30	Silver	0.15	0.006	0.30	0.012	12.50	0.50	0.02mm +/-	0.02mm +/-	10
AD30SS-1	TS30SS-1	30	Silver	0.15	0.006	0.30	0.012	25.80	1.00	0.02mm +/-	0.02mm +/-	10
AD30SS-30	TS30SS-30	30	Silver	0.15	0.006	0.30	0.012	38.00	1.50	0.02mm +/-	0.02mm +/-	10
AD30SS-2	TS30SS-2	30	Silver	0.15	0.006	0.30	0.012	50.00	2.00	0.02mm +/-	0.02mm +/-	10

AD Series Dual Prong All-Metal High Precision Dispensing Tips

Nickel plated Luer lock hub to 304 stainless steel tube. UV block opaque materials. Maximum pressure 100 PSI. Silicone-free materials.

For use with most adhesives, epoxies, liquids, gels. Useful for aggressive solvents and chemicals & automated machine applications. Dual prong.

Very high precision tips.

Smooth flow design reduces fluid pressure.

Not suitable for Cyanoacrylate adhesives.

Built to order - please allow 7-10 days for delivery. Some sizes are held in stock.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD15DSS-1/4	TS15DSS-1/4	15	Silver	1.38	0.054	1.84	0.072	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD15DSS-1/2	TS15DSS-1/2	15	Silver	1.38	0.054	1.84	0.072	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD15DSS-1	TS15DSS-1	15	Silver	1.38	0.054	1.84	0.072	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD15DSS-15	TS15DSS-15	15	Silver	1.38	0.054	1.84	0.072	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD16DSS-1/4	TS16DSS-1/4	16	Silver	1.20	0.048	1.65	0.065	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD16DSS-1/2	TS16DSS-1/2	16	Silver	1.20	0.048	1.65	0.065	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD16DSS-1	TS16DSS-1	16	Silver	1.20	0.048	1.65	0.065	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD16DSS-15	TS16DSS-15	16	Silver	1.20	0.048	1.65	0.065	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD17DSS-1/4	TS17DSS-1/4	17	Silver	1.09	0.043	1.59	0.059	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD17DSS-1/2	TS17DSS-1/2	17	Silver	1.09	0.043	1.59	0.059	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD17DSS-1	TS17DSS-1	17	Silver	1.09	0.043	1.59	0.059	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD17DSS-15	TS17DSS-15	17	Silver	1.09	0.043	1.59	0.059	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD18DSS-1/4	TS18DSS-1/4	18	Silver	0.91	0.036	1.25	0.050	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD18DSS-1/2	TS18DSS-1/2	18	Silver	0.91	0.036	1.25	0.050	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD18DSS-1	TS18DSS-1	18	Silver	0.91	0.036	1.25	0.050	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD18DSS-15	TS18DSS-15	18	Silver	0.91	0.036	1.25	0.050	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD19DSS-1/4	TS19DSS-1/4	19	Silver	0.70	0.028	1.10	0.043	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD19DSS-1/2	TS19DSS-1/2	19	Silver	0.70	0.028	1.10	0.043	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD19DSS-1	TS19DSS-1	19	Silver	0.70	0.028	1.10	0.043	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD19DSS-15	TS19DSS-15	19	Silver	0.70	0.028	1.10	0.043	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD20DSS-1/4	TS20DSS-1/4	20	Silver	0.60	0.023	0.90	0.035	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD20DSS-1/2	TS20DSS-1/2	20	Silver	0.60	0.023	0.90	0.035	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD20DSS-1	TS20DSS-1	20	Silver	0.60	0.023	0.90	0.035	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD20DSS-15	TS20DSS-15	20	Silver	0.60	0.023	0.90	0.035	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD21DSS-1/4	TS21DSS-1/4	21	Silver	0.51	0.020	0.81	0.032	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD21DSS-1/2	TS21DSS-1/2	21	Silver	0.51	0.020	0.81	0.032	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD21DSS-1	TS21DSS-1	21	Silver	0.51	0.020	0.81	0.032	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD21DSS-15	TS21DSS-15	21	Silver	0.51	0.020	0.81	0.032	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD22DSS-1/4	TS22DSS-1/4	22	Silver	0.40	0.016	0.71	0.028	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD22DSS-1/2	TS22DSS-1/2	22	Silver	0.40	0.016	0.71	0.028	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD22DSS-1	TS22DSS-1	22	Silver	0.40	0.016	0.71	0.028	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD22DSS-15	TS22DSS-15	22	Silver	0.40	0.016	0.71	0.028	38.00	1.50	0.02mm +/-	0.02mm +/-	12

AD23DSS-1/4	TS23DSS-1/4	23	Silver	0.34	0.013	0.64	0.025	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD23DSS-1/2	TS23DSS-1/2	23	Silver	0.34	0.013	0.64	0.025	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD23DSS-1	TS23DSS-1	23	Silver	0.34	0.013	0.64	0.025	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD23DSS-15	TS23DSS-15	23	Silver	0.34	0.013	0.64	0.025	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD25DSS-1/4	TS25DSS-1/4	25	Silver	0.26	0.010	0.51	0.020	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD25DSS-1/2	TS25DSS-1/2	25	Silver	0.26	0.010	0.51	0.020	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD25DSS-1	TS25DSS-1	25	Silver	0.26	0.010	0.51	0.020	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD25DSS-15	TS25DSS-15	25	Silver	0.26	0.010	0.51	0.020	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD26DSS-1/4	TS26DSS-1/4	26	Silver	0.25	0.010	0.46	0.018	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD26DSS-1/2	TS26DSS-1/2	26	Silver	0.25	0.010	0.46	0.018	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD26DSS-1	TS26DSS-1	26	Silver	0.25	0.010	0.46	0.018	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD26DSS-15	TS26DSS-15	26	Silver	0.25	0.010	0.46	0.018	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD27DSS-1/4	TS27DSS-1/4	27	Silver	0.21	0.008	0.41	0.016	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD27DSS-1/2	TS27DSS-1/2	27	Silver	0.21	0.008	0.41	0.016	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD27DSS-1	TS27DSS-1	27	Silver	0.21	0.008	0.41	0.016	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD27DSS-15	TS27DSS-15	27	Silver	0.21	0.008	0.41	0.016	38.00	1.50	0.02mm +/-	0.02mm +/-	12
AD30DSS-1/4	TS30DSS-1/4	30	Silver	0.15	0.006	0.30	0.012	6.35	0.25	0.02mm +/-	0.02mm +/-	12
AD30DSS-1/2	TS30DSS-1/2	30	Silver	0.15	0.006	0.30	0.012	12.50	0.50	0.02mm +/-	0.02mm +/-	12
AD30DSS-1	TS30DSS-1	30	Silver	0.15	0.006	0.30	0.012	25.00	1.00	0.02mm +/-	0.02mm +/-	12
AD30DSS-15	TS30DSS-15	30	Silver	0.15	0.006	0.30	0.012	38.00	1.50	0.02mm +/-	0.02mm +/-	12

AD All-Metal High Precision Bent/ Angled Dispensing Tips

Nickel plated Luer lock hub to stainless steel tube. UV block opaque materials. Maximum pressure 100 PSI. Silicone-free materials. 45 or 90 degree bend.

For use with most adhesives, epoxies, liquids, gels. Useful for aggressive solvents and chemicals & automated machine applications.

Very high precision tips.

Smooth flow design reduces fluid pressure.

Not suitable for Cyanoacrylate adhesives.

Built to order - please allow 7-10 days for delivery.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD14SS45-1/2	AD14SS45-1/2	14	Silver	1.64	0.064	2.10	0.083	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD14SS90-1/2	AD14SS90-1/2	14	Silver	1.64	0.064	2.10	0.083	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD15SS45-1/2	AD15SS45-1/2	15	Silver	1.38	0.054	1.84	0.072	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD15SS90-1/2	AD15SS90-1/2	15	Silver	1.38	0.054	1.84	0.072	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD18SS45-1/2	AD18SS45-1/2	18	Silver	0.91	0.036	1.25	0.050	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD18SS90-1/2	AD18SS90-1/2	18	Silver	0.91	0.036	1.25	0.050	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD20SS45-1/2	AD20SS45-1/2	20	Silver	0.60	0.023	0.90	0.035	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD20SS90-1/2	AD20SS90-1/2	20	Silver	0.60	0.023	0.90	0.035	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD21SS45-1/2	AD21SS45-1/2	21	Silver	0.51	0.020	0.81	0.032	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD21SS90-1/2	AD21SS90-1/2	21	Silver	0.51	0.020	0.81	0.032	12.70	0.50	0.02mm +/-	0.02mm +/-	10

AD22SS45-1/2	AD22SS45-1/2	22	Silver	0.40	0.016	0.71	0.028	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD22SS90-1/2	AD22SS90-1/2	22	Silver	0.40	0.016	0.71	0.028	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD23SS45-1/2	AD23SS45-1/2	23	Silver	0.34	0.013	0.64	0.025	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD23SS90-1/2	AD23SS90-1/2	23	Silver	0.34	0.013	0.64	0.025	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD25SS45-1/2	AD25SS45-1/2	25	Silver	0.26	0.010	0.51	0.020	12.70	0.50	0.02mm +/-	0.02mm +/-	10
AD25SS90-1/2	AD25SS90-1/2	25	Silver	0.26	0.010	0.51	0.020	12.70	0.50	0.02mm +/-	0.02mm +/-	10

ADSSVL All-Metal High Precision Oval Flat Dispensing Tips

Nickel plated brass Luer lock hub. Stainless steel tube. Metal tube flat crimped. Maximum pressure 100 PSI. Silicone-free materials. (Special purchase built to order).

For use with most adhesives, epoxies, liquids, gels. Useful for aggressive solvents and chemicals & automated machine applications. Wide end flat.

Very high precision tips.

Smooth flow design reduces fluid pressure.

Not suitable for Cyanoacrylate adhesives.

Built to order - please allow 7-10 days for delivery.



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD10SSVL-1/2	AD10SSVL-1/2	10	Silver	2.50	0.098	3.30	0.130	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD10SSVL-1	AD10SSVL-1	10	Silver	2.50	0.098	3.30	0.130	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD11SSVL-1/2	AD11SSVL-1/2	11	Silver	2.30	0.091	2.95	0.116	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD11SSVL-1	AD11SSVL-1	11	Silver	2.30	0.091	2.95	0.116	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD12SSVL-1/2	AD12SSVL-1/2	12	Silver	2.18	0.086	2.77	0.109	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD12SSVL-1	AD12SSVL-1	12	Silver	2.18	0.086	2.77	0.109	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD13SSVL-1/2	AD13SSVL-1/2	13	Silver	1.94	0.077	2.40	0.094	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD13SSVL-1	AD13SSVL-1	13	Silver	1.94	0.077	2.40	0.094	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD14SSVL-1/2	AD14SSVL-1/2	14	Silver	1.64	0.064	2.10	0.083	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD14SSVL-1	AD14SSVL-1	14	Silver	1.64	0.064	2.10	0.083	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD15SSVL-1/2	AD15SSVL-1/2	15	Silver	1.38	0.054	1.84	0.072	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD15SSVL-1	AD15SSVL-1	15	Silver	1.38	0.054	1.84	0.072	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD16SSVL-1/2	AD16SSVL-1/2	16	Silver	1.20	0.048	1.65	0.065	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD16SSVL-1	AD16SSVL-1	16	Silver	1.20	0.048	1.65	0.065	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD17SSVL-1/2	AD17SSVL-1/2	17	Silver	1.09	0.043	1.59	0.059	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD17SSVL-1	AD17SSVL-1	17	Silver	1.09	0.043	1.59	0.059	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD18SSVL-1/2	AD18SSVL-1/2	18	Silver	0.91	0.036	1.25	0.050	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD18SSVL-1	AD18SSVL-1	18	Silver	0.91	0.036	1.25	0.050	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD19SSVL-1/2	AD19SSVL-1/2	19	Silver	0.70	0.028	1.10	0.043	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD19SSVL-1	AD19SSVL-1	19	Silver	0.70	0.028	1.10	0.043	25.40	1.00	0.02mm +/-	0.02mm +/-	12
AD20SSVL-1/2	AD20SSVL-1/2	20	Silver	0.60	0.023	0.90	0.035	12.70	0.50	0.02mm +/-	0.02mm +/-	12
AD20SSVL-1	AD20SSVL-1	20	Silver	0.60	0.023	0.90	0.035	25.40	1.00	0.02mm +/-	0.02mm +/-	12

ADVL Series Oval Flat Dispensing Tips

Polypro double helix Luer lock hub. Stainless steel tube. UV bonded hub to tube. UV filter plastic. Metal tube flat crimped. Max pressure 100 PSI. Silicone-free.

For use with most adhesives, epoxies, inks, lubricants, silicones, UV cure, gels.

Blunt end burr-free tube.

Not recommended for Cyanoacrylate adhesives (use Teflon tips).

All tips supplied in sealed packs with labels and batch codes.

Items ship around 5-7 days (unless specified).



Part Code	Old Part Code	Gauge	Colour	ID mm	ID Inch	OD mm	OD Inch	Length mm	Length Inch	Tolerance ID	Tolerance OD	Pack Sizes
AD714050VL	TS714050VL	14	Olive	1.55	0.061	2.10	0.083	12.70	0.50	0.03mm +/-	0.03mm +/-	50, 500 or 1000
AD715050VL	TS715050VL	15	Amber	1.36	0.054	1.80	0.071	12.70	0.50	0.03mm +/-	0.03mm +/-	50, 500 or 1000
AD718050VL	TS718050VL	18	Green	0.90	0.035	1.20	0.047	12.70	0.50	0.03mm +/-	0.03mm +/-	50, 500 or 1000
AD720050VL	TS720050VL	20	Pink	0.62	0.025	0.90	0.035	12.70	0.50	0.03mm +/-	0.03mm +/-	50, 500 or 1000
AD722050VL	TS722050VL	22	Blue	0.41	0.016	0.73	0.029	12.70	0.50	0.03mm +/-	0.03mm +/-	50, 500 or 1000
AD725050VL	TS725050VL	25	Red	0.25	0.010	0.51	0.020	12.70	0.50	0.03mm +/-	0.03mm +/-	50, 500 or 1000

AD Series Brush Dispensing Tips

Polypro double helix Luer lock hub. UV opaque plastic on hub. Nylon/ sable bristles. Maximum pressure 100 PSI. Silicone-free materials.

For use with most grease, inks, primers, activators, glues, water-based liquids, adhesives. Spreading, coating & brushing.

High quality brushing tips.

Can be used with bottles, syringes and air-powered dispensers.

Many sizes held in stock.



Part Code	Old Part Code	Gauge	Colour	Brush Type	Style	ID mm	ID Inch	Brush Dia.mm	Length mm	Length Inch	Tolerance ID	Pack Sizes
AD-1001-20BT	AD-1001-20BT	20	Pink	Hard White	Round	0.61	0.023	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-20BTS	AD-1001-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-21BT	AD-1001-21BT	21	Purple	Hard White	Round	0.51	0.020	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-21BTS	AD-1001-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-22BT	AD-1001-22BT	22	Blue	Hard White	Round	0.41	0.016	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-22BTS	AD-1001-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-23BT	AD-1001-23BT	23	Orange	Hard White	Round	0.33	0.013	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-23BTS	AD-1001-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-25BT	AD-1001-25BT	25	Red	Hard White	Round	0.25	0.010	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-25BTS	AD-1001-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-27BT	AD-1001-27BT	27	Clear	Hard White	Round	0.20	0.008	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1001-27BTS	AD-1001-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	2.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-18BT	AD-1002-18BT	18	Green	Hard White	Round	0.84	0.033	3.0	38.10	1.50	0.05mm +/-	1 or 10

AD-1002-18BTS	AD-1002-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-20BT	AD-1002-20BT	20	Pink	Hard White	Round	0.61	0.023	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-20BTS	AD-1002-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-21BT	AD-1002-21BT	21	Purple	Hard White	Round	0.51	0.020	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-21BTS	AD-1002-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-22BT	AD-1002-22BT	22	Blue	Hard White	Round	0.41	0.016	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-22BTS	AD-1002-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-23BT	AD-1002-23BT	23	Orange	Hard White	Round	0.33	0.013	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-23BTS	AD-1002-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-25BT	AD-1002-25BT	25	Red	Hard White	Round	0.25	0.010	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-25BTS	AD-1002-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-27BT	AD-1002-27BT	27	Clear	Hard White	Round	0.20	0.008	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1002-27BTS	AD-1002-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-18BT	AD-1003-18BT	18	Green	Hard White	Round	0.84	0.033	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-18BTS	AD-1003-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-20BT	AD-1003-20BT	20	Pink	Hard White	Round	0.61	0.023	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-20BTS	AD-1003-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-21BT	AD-1003-21BT	21	Purple	Hard White	Round	0.51	0.020	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-21BTS	AD-1003-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-22BT	AD-1003-22BT	22	Blue	Hard White	Round	0.41	0.016	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-22BTS	AD-1003-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-23BT	AD-1003-23BT	23	Orange	Hard White	Round	0.33	0.013	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-23BTS	AD-1003-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-25BT	AD-1003-25BT	25	Red	Hard White	Round	0.25	0.010	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-25BTS	AD-1003-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-27BT	AD-1003-27BT	27	Clear	Hard White	Round	0.20	0.008	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1003-27BTS	AD-1003-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	3.0	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-18BT	AD-1004-18BT	18	Green	Hard White	Round	0.84	0.033	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-18BTS	AD-1004-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-20BT	AD-1004-20BT	20	Pink	Hard White	Round	0.61	0.023	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-20BTS	AD-1004-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-21BT	AD-1004-21BT	21	Purple	Hard White	Round	0.51	0.020	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-21BTS	AD-1004-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-22BT	AD-1004-22BT	22	Blue	Hard White	Round	0.41	0.016	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-22BTS	AD-1004-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-23BT	AD-1004-23BT	23	Orange	Hard White	Round	0.33	0.013	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-23BTS	AD-1004-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-25BT	AD-1004-25BT	25	Red	Hard White	Round	0.25	0.010	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-25BTS	AD-1004-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-27BT	AD-1004-27BT	27	Clear	Hard White	Round	0.20	0.008	3.5	38.10	1.50	0.05mm +/-	1 or 10
AD-1004-27BTS	AD-1004-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	3.5	38.10	1.50	0.05mm +/-	1 or 10

AD-1005-14BT	AD-1005-14BT	14	Olive	Hard White	Round	1.55	0.060	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-14BTS	AD-1005-14BTS	14	Olive	Soft Yellow	Round	1.55	0.060	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-15BT	AD-1005-15BT	15	Amber	Hard White	Round	1.37	0.054	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-15BTS	AD-1005-15BTS	15	Amber	Soft Yellow	Round	1.37	0.054	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-18BT	AD-1005-18BT	18	Green	Hard White	Round	0.84	0.033	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-18BTS	AD-1005-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-20BT	AD-1005-20BT	20	Pink	Hard White	Round	0.61	0.023	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-20BTS	AD-1005-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-21BT	AD-1005-21BT	21	Purple	Hard White	Round	0.51	0.020	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-21BTS	AD-1005-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-22BT	AD-1005-22BT	22	Blue	Hard White	Round	0.41	0.016	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-22BTS	AD-1005-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-23BT	AD-1005-23BT	23	Orange	Hard White	Round	0.33	0.013	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-23BTS	AD-1005-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-25BT	AD-1005-25BT	25	Red	Hard White	Round	0.25	0.010	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-25BTS	AD-1005-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-27BT	AD-1005-27BT	27	Clear	Hard White	Round	0.20	0.008	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1005-27BTS	AD-1005-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-14BT	AD-1006-14BT	14	Olive	Hard White	Round	1.55	0.060	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-14BTS	AD-1006-14BTS	14	Olive	Soft Yellow	Round	1.55	0.060	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-15BT	AD-1006-15BT	15	Amber	Hard White	Round	1.37	0.054	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-15BTS	AD-1006-15BTS	15	Amber	Soft Yellow	Round	1.37	0.054	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-18BT	AD-1006-18BT	18	Green	Hard White	Round	0.84	0.033	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-18BTS	AD-1006-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-20BT	AD-1006-20BT	20	Pink	Hard White	Round	0.61	0.023	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-20BTS	AD-1006-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-21BT	AD-1006-21BT	21	Purple	Hard White	Round	0.51	0.020	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-21BTS	AD-1006-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-22BT	AD-1006-22BT	22	Blue	Hard White	Round	0.41	0.016	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-22BTS	AD-1006-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-23BT	AD-1006-23BT	23	Orange	Hard White	Round	0.33	0.013	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-23BTS	AD-1006-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-25BT	AD-1006-25BT	25	Red	Hard White	Round	0.25	0.010	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-25BTS	AD-1006-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-27BT	AD-1006-27BT	27	Clear	Hard White	Round	0.20	0.008	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1006-27BTS	AD-1006-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-14BT	AD-1007-14BT	14	Olive	Hard White	Straight	1.55	0.060	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-14BTS	AD-1007-14BTS	14	Olive	Soft Yellow	Straight	1.55	0.060	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-15BT	AD-1007-15BT	15	Amber	Hard White	Straight	1.37	0.054	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-15BTS	AD-1007-15BTS	15	Amber	Soft Yellow	Straight	1.37	0.054	5.0	42.00	1.65	0.05mm +/-	1 or 10

AD-1007-18BT	AD-1007-18BT	18	Green	Hard White	Straight	0.84	0.033	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-18BTS	AD-1007-18BTS	18	Green	Soft Yellow	Straight	0.84	0.033	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-20BT	AD-1007-20BT	20	Pink	Hard White	Straight	0.61	0.023	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-20BTS	AD-1007-20BTS	20	Pink	Soft Yellow	Straight	0.61	0.023	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-21BT	AD-1007-21BT	21	Purple	Hard White	Straight	0.51	0.020	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-21BTS	AD-1007-21BTS	21	Purple	Soft Yellow	Straight	0.51	0.020	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-22BT	AD-1007-22BT	22	Blue	Hard White	Straight	0.41	0.016	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-22BTS	AD-1007-22BTS	22	Blue	Soft Yellow	Straight	0.41	0.016	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-23BT	AD-1007-23BT	23	Orange	Hard White	Straight	0.33	0.013	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-23BTS	AD-1007-23BTS	23	Orange	Soft Yellow	Straight	0.33	0.013	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-25BT	AD-1007-25BT	25	Red	Hard White	Straight	0.25	0.010	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-25BTS	AD-1007-25BTS	25	Red	Soft Yellow	Straight	0.25	0.010	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-27BT	AD-1007-27BT	27	Clear	Hard White	Straight	0.20	0.008	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1007-27BTS	AD-1007-27BTS	27	Clear	Soft Yellow	Straight	0.20	0.008	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-14BT	AD-1008-14BT	14	Olive	Hard White	Straight	1.55	0.060	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-14BTS	AD-1008-14BTS	14	Olive	Soft Yellow	Straight	1.55	0.060	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-15BT	AD-1008-15BT	15	Amber	Hard White	Straight	1.37	0.054	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-15BTS	AD-1008-15BTS	15	Amber	Soft Yellow	Straight	1.37	0.054	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-18BT	AD-1008-18BT	18	Green	Hard White	Straight	0.84	0.033	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-18BTS	AD-1008-18BTS	18	Green	Soft Yellow	Straight	0.84	0.033	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-20BT	AD-1008-20BT	20	Pink	Hard White	Straight	0.61	0.023	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-20BTS	AD-1008-20BTS	20	Pink	Soft Yellow	Straight	0.61	0.023	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-21BT	AD-1008-21BT	21	Purple	Hard White	Straight	0.51	0.020	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-21BTS	AD-1008-21BTS	21	Purple	Soft Yellow	Straight	0.51	0.020	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-22BT	AD-1008-22BT	22	Blue	Hard White	Straight	0.41	0.016	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-22BTS	AD-1008-22BTS	22	Blue	Soft Yellow	Straight	0.41	0.016	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-23BT	AD-1008-23BT	23	Orange	Hard White	Straight	0.33	0.013	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-23BTS	AD-1008-23BTS	23	Orange	Soft Yellow	Straight	0.33	0.013	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-25BT	AD-1008-25BT	25	Red	Hard White	Straight	0.25	0.010	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-25BTS	AD-1008-25BTS	25	Red	Soft Yellow	Straight	0.25	0.010	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-27BT	AD-1008-27BT	27	Clear	Hard White	Straight	0.20	0.008	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1008-27BTS	AD-1008-27BTS	27	Clear	Soft Yellow	Straight	0.20	0.008	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-14BT	AD-1009-14BT	14	Olive	Hard White	Round	1.55	0.060	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-14BTS	AD-1009-14BTS	14	Olive	Soft Yellow	Round	1.55	0.060	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-15BT	AD-1009-15BT	15	Amber	Hard White	Round	1.37	0.054	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-15BTS	AD-1009-15BTS	15	Amber	Soft Yellow	Round	1.37	0.054	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-18BT	AD-1009-18BT	18	Green	Hard White	Round	0.84	0.033	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-18BTS	AD-1009-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-20BT	AD-1009-20BT	20	Pink	Hard White	Round	0.61	0.023	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-20BTS	AD-1009-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	6.0	42.00	1.65	0.05mm +/-	1 or 10

AD-1009-21BT	AD-1009-21BT	21	Purple	Hard White	Round	0.51	0.020	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-21BTS	AD-1009-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-22BT	AD-1009-22BT	22	Blue	Hard White	Round	0.41	0.016	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-22BTS	AD-1009-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-23BT	AD-1009-23BT	23	Orange	Hard White	Round	0.33	0.013	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-23BTS	AD-1009-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-25BT	AD-1009-25BT	25	Red	Hard White	Round	0.25	0.010	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-25BTS	AD-1009-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-27BT	AD-1009-27BT	27	Clear	Hard White	Round	0.20	0.008	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1009-27BTS	AD-1009-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-14BT	AD-1010-14BT	14	Olive	Hard White	Flat	1.55	0.060	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-14BTS	AD-1010-14BTS	14	Olive	Soft Yellow	Flat	1.55	0.060	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-15BT	AD-1010-15BT	15	Amber	Hard White	Flat	1.37	0.054	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-15BTS	AD-1010-15BTS	15	Amber	Soft Yellow	Flat	1.37	0.054	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-18BT	AD-1010-18BT	18	Green	Hard White	Flat	0.84	0.033	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-18BTS	AD-1010-18BTS	18	Green	Soft Yellow	Flat	0.84	0.033	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-20BT	AD-1010-20BT	20	Pink	Hard White	Flat	0.61	0.023	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-20BTS	AD-1010-20BTS	20	Pink	Soft Yellow	Flat	0.61	0.023	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-21BT	AD-1010-21BT	21	Purple	Hard White	Flat	0.51	0.020	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-21BTS	AD-1010-21BTS	21	Purple	Soft Yellow	Flat	0.51	0.020	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-22BT	AD-1010-22BT	22	Blue	Hard White	Flat	0.41	0.016	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-22BTS	AD-1010-22BTS	22	Blue	Soft Yellow	Flat	0.41	0.016	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-23BT	AD-1010-23BT	23	Orange	Hard White	Flat	0.33	0.013	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-23BTS	AD-1010-23BTS	23	Orange	Soft Yellow	Flat	0.33	0.013	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-25BT	AD-1010-25BT	25	Red	Hard White	Flat	0.25	0.010	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-25BTS	AD-1010-25BTS	25	Red	Soft Yellow	Flat	0.25	0.010	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-27BT	AD-1010-27BT	27	Clear	Hard White	Flat	0.20	0.008	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1010-27BTS	AD-1010-27BTS	27	Clear	Soft Yellow	Flat	0.20	0.008	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-14BT	AD-1011-14BT	14	Olive	Hard White	Flat	1.55	0.060	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-14BTS	AD-1011-14BTS	14	Olive	Soft Yellow	Flat	1.55	0.060	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-15BT	AD-1011-15BT	15	Amber	Hard White	Flat	1.37	0.054	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-15BTS	AD-1011-15BTS	15	Amber	Soft Yellow	Flat	1.37	0.054	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-18BT	AD-1011-18BT	18	Green	Hard White	Flat	0.84	0.033	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-18BTS	AD-1011-18BTS	18	Green	Soft Yellow	Flat	0.84	0.033	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-20BT	AD-1011-20BT	20	Pink	Hard White	Flat	0.61	0.023	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-20BTS	AD-1011-20BTS	20	Pink	Soft Yellow	Flat	0.61	0.023	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-21BT	AD-1011-21BT	21	Purple	Hard White	Flat	0.51	0.020	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-21BTS	AD-1011-21BTS	21	Purple	Soft Yellow	Flat	0.51	0.020	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-22BT	AD-1011-22BT	22	Blue	Hard White	Flat	0.41	0.016	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-22BTS	AD-1011-22BTS	22	Blue	Soft Yellow	Flat	0.41	0.016	10.0	42.00	1.65	0.05mm +/-	1 or 10

AD-1011-23BT	AD-1011-23BT	23	Orange	Hard White	Flat	0.33	0.013	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-23BTS	AD-1011-23BTS	23	Orange	Soft Yellow	Flat	0.33	0.013	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-25BT	AD-1011-25BT	25	Red	Hard White	Flat	0.25	0.010	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-25BTS	AD-1011-25BTS	25	Red	Soft Yellow	Flat	0.25	0.010	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-27BT	AD-1011-27BT	27	Clear	Hard White	Flat	0.20	0.008	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1011-27BTS	AD-1011-27BTS	27	Clear	Soft Yellow	Flat	0.20	0.008	10.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-14BT	AD-1012-14BT	14	Olive	Hard White	Flat	1.55	0.060	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-14BTS	AD-1012-14BTS	14	Olive	Soft Yellow	Flat	1.55	0.060	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-15BT	AD-1012-15BT	15	Amber	Hard White	Flat	1.37	0.054	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-15BTS	AD-1012-15BTS	15	Amber	Soft Yellow	Flat	1.37	0.054	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-18BT	AD-1012-18BT	18	Green	Hard White	Flat	0.84	0.033	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-18BTS	AD-1012-18BTS	18	Green	Soft Yellow	Flat	0.84	0.033	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-20BT	AD-1012-20BT	20	Pink	Hard White	Flat	0.61	0.023	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-20BTS	AD-1012-20BTS	20	Pink	Soft Yellow	Flat	0.61	0.023	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-21BT	AD-1012-21BT	21	Purple	Hard White	Flat	0.51	0.020	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-21BTS	AD-1012-21BTS	21	Purple	Soft Yellow	Flat	0.51	0.020	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-22BT	AD-1012-22BT	22	Blue	Hard White	Flat	0.41	0.016	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-22BTS	AD-1012-22BTS	22	Blue	Soft Yellow	Flat	0.41	0.016	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-23BT	AD-1012-23BT	23	Orange	Hard White	Flat	0.33	0.013	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-23BTS	AD-1012-23BTS	23	Orange	Soft Yellow	Flat	0.33	0.013	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-25BT	AD-1012-25BT	25	Red	Hard White	Flat	0.25	0.010	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-25BTS	AD-1012-25BTS	25	Red	Soft Yellow	Flat	0.25	0.010	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-27BT	AD-1012-27BT	27	Clear	Hard White	Flat	0.20	0.008	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1012-27BTS	AD-1012-27BTS	27	Clear	Soft Yellow	Flat	0.20	0.008	11.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1013-14BT	AD-1013-14BT	14	Olive	Hard White	Pointed	1.55	0.060	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-14BTS	AD-1013-14BTS	14	Olive	Soft Yellow	Pointed	1.55	0.060	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-15BT	AD-1013-15BT	15	Amber	Hard White	Pointed	1.37	0.054	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-15BTS	AD-1013-15BTS	15	Amber	Soft Yellow	Pointed	1.37	0.054	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-18BT	AD-1013-18BT	18	Green	Hard White	Pointed	0.84	0.033	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-18BTS	AD-1013-18BTS	18	Green	Soft Yellow	Pointed	0.84	0.033	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-20BT	AD-1013-20BT	20	Pink	Hard White	Pointed	0.61	0.023	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-20BTS	AD-1013-20BTS	20	Pink	Soft Yellow	Pointed	0.61	0.023	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-21BT	AD-1013-21BT	21	Purple	Hard White	Pointed	0.51	0.020	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-21BTS	AD-1013-21BTS	21	Purple	Soft Yellow	Pointed	0.51	0.020	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-22BT	AD-1013-22BT	22	Blue	Hard White	Pointed	0.41	0.016	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-22BTS	AD-1013-22BTS	22	Blue	Soft Yellow	Pointed	0.41	0.016	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-23BT	AD-1013-23BT	23	Orange	Hard White	Pointed	0.33	0.013	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-23BTS	AD-1013-23BTS	23	Orange	Soft Yellow	Pointed	0.33	0.013	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-25BT	AD-1013-25BT	25	Red	Hard White	Pointed	0.25	0.010	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-25BTS	AD-1013-25BTS	25	Red	Soft Yellow	Pointed	0.25	0.010	4.0	40.00	1.57	0.05mm +/-	1 or 10

AD-1013-27BT	AD-1013-27BT	27	Clear	Hard White	Pointed	0.20	0.008	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1013-27BTS	AD-1013-27BTS	27	Clear	Soft Yellow	Pointed	0.20	0.008	4.0	40.00	1.57	0.05mm +/-	1 or 10
AD-1014-18BT	AD-1014-18BT	18	Green	Hard White	Straight	0.84	0.033	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-18BTS	AD-1014-18BTS	18	Green	Soft Yellow	Straight	0.84	0.033	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-20BT	AD-1014-20BT	20	Pink	Hard White	Straight	0.61	0.023	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-20BTS	AD-1014-20BTS	20	Pink	Soft Yellow	Straight	0.61	0.023	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-21BT	AD-1014-21BT	21	Purple	Hard White	Straight	0.51	0.020	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-21BTS	AD-1014-21BTS	21	Purple	Soft Yellow	Straight	0.51	0.020	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-22BT	AD-1014-22BT	22	Blue	Hard White	Straight	0.41	0.016	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-22BTS	AD-1014-22BTS	22	Blue	Soft Yellow	Straight	0.41	0.016	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-23BT	AD-1014-23BT	23	Orange	Hard White	Straight	0.33	0.013	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-23BTS	AD-1014-23BTS	23	Orange	Soft Yellow	Straight	0.33	0.013	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-25BT	AD-1014-25BT	25	Red	Hard White	Straight	0.25	0.010	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-25BTS	AD-1014-25BTS	25	Red	Soft Yellow	Straight	0.25	0.010	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-27BT	AD-1014-27BT	27	Clear	Hard White	Straight	0.20	0.008	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1014-27BTS	AD-1014-27BTS	27	Clear	Soft Yellow	Straight	0.20	0.008	4.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-14BT	AD-1015-14BT	14	Olive	Hard White	Round	1.55	0.060	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-14BTS	AD-1015-14BTS	14	Olive	Soft Yellow	Round	1.55	0.060	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-15BT	AD-1015-15BT	15	Amber	Hard White	Round	1.37	0.054	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-15BTS	AD-1015-15BTS	15	Amber	Soft Yellow	Round	1.37	0.054	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-18BT	AD-1015-18BT	18	Green	Hard White	Round	0.84	0.033	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-18BTS	AD-1015-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-20BT	AD-1015-20BT	20	Pink	Hard White	Round	0.61	0.023	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-20BTS	AD-1015-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-21BT	AD-1015-21BT	21	Purple	Hard White	Round	0.51	0.020	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-21BTS	AD-1015-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-22BT	AD-1015-22BT	22	Blue	Hard White	Round	0.41	0.016	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-22BTS	AD-1015-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-23BT	AD-1015-23BT	23	Orange	Hard White	Round	0.33	0.013	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-23BTS	AD-1015-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-25BT	AD-1015-25BT	25	Red	Hard White	Round	0.25	0.010	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-25BTS	AD-1015-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-27BT	AD-1015-27BT	27	Clear	Hard White	Round	0.20	0.008	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1015-27BTS	AD-1015-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	5.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-14BT	AD-1016-14BT	14	Olive	Hard White	Round	1.55	0.060	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-14BTS	AD-1016-14BTS	14	Olive	Soft Yellow	Round	1.55	0.060	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-15BT	AD-1016-15BT	15	Amber	Hard White	Round	1.37	0.054	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-15BTS	AD-1016-15BTS	15	Amber	Soft Yellow	Round	1.37	0.054	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-18BT	AD-1016-18BT	18	Green	Hard White	Round	0.84	0.033	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-18BTS	AD-1016-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	6.0	42.00	1.65	0.05mm +/-	1 or 10

AD-1016-20BT	AD-1016-20BT	20	Pink	Hard White	Round	0.61	0.023	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-20BTS	AD-1016-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-21BT	AD-1016-21BT	21	Purple	Hard White	Round	0.51	0.020	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-21BTS	AD-1016-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-22BT	AD-1016-22BT	22	Blue	Hard White	Round	0.41	0.016	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-22BTS	AD-1016-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-23BT	AD-1016-23BT	23	Orange	Hard White	Round	0.33	0.013	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-23BTS	AD-1016-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-25BT	AD-1016-25BT	25	Red	Hard White	Round	0.25	0.010	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-25BTS	AD-1016-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-27BT	AD-1016-27BT	27	Clear	Hard White	Round	0.20	0.008	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1016-27BTS	AD-1016-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	6.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-14BT	AD-1018-14BT	14	Olive	Hard White	Round	1.55	0.060	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-14BTS	AD-1018-14BTS	14	Olive	Soft Yellow	Round	1.55	0.060	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-15BT	AD-1018-15BT	15	Amber	Hard White	Round	1.37	0.054	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-15BTS	AD-1018-15BTS	15	Amber	Soft Yellow	Round	1.37	0.054	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-18BT	AD-1018-18BT	18	Green	Hard White	Round	0.84	0.033	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-18BTS	AD-1018-18BTS	18	Green	Soft Yellow	Round	0.84	0.033	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-20BT	AD-1018-20BT	20	Pink	Hard White	Round	0.61	0.023	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-20BTS	AD-1018-20BTS	20	Pink	Soft Yellow	Round	0.61	0.023	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-21BT	AD-1018-21BT	21	Purple	Hard White	Round	0.51	0.020	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-21BTS	AD-1018-21BTS	21	Purple	Soft Yellow	Round	0.51	0.020	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-22BT	AD-1018-22BT	22	Blue	Hard White	Round	0.41	0.016	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-22BTS	AD-1018-22BTS	22	Blue	Soft Yellow	Round	0.41	0.016	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-23BT	AD-1018-23BT	23	Orange	Hard White	Round	0.33	0.013	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-23BTS	AD-1018-23BTS	23	Orange	Soft Yellow	Round	0.33	0.013	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-25BT	AD-1018-25BT	25	Red	Hard White	Round	0.25	0.010	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-25BTS	AD-1018-25BTS	25	Red	Soft Yellow	Round	0.25	0.010	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-27BT	AD-1018-27BT	27	Clear	Hard White	Round	0.20	0.008	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1018-27BTS	AD-1018-27BTS	27	Clear	Soft Yellow	Round	0.20	0.008	7.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-14BT	AD-1019-14BT	14	Olive	Hard White	Flat	1.55	0.060	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-14BTS	AD-1019-14BTS	14	Olive	Soft Yellow	Flat	1.55	0.060	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-15BT	AD-1019-15BT	15	Amber	Hard White	Flat	1.37	0.054	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-15BTS	AD-1019-15BTS	15	Amber	Soft Yellow	Flat	1.37	0.054	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-18BT	AD-1019-18BT	18	Green	Hard White	Flat	0.84	0.033	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-18BTS	AD-1019-18BTS	18	Green	Soft Yellow	Flat	0.84	0.033	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-20BT	AD-1019-20BT	20	Pink	Hard White	Flat	0.61	0.023	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-20BTS	AD-1019-20BTS	20	Pink	Soft Yellow	Flat	0.61	0.023	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-21BT	AD-1019-21BT	21	Purple	Hard White	Flat	0.51	0.020	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-21BTS	AD-1019-21BTS	21	Purple	Soft Yellow	Flat	0.51	0.020	12.0	42.00	1.65	0.05mm +/-	1 or 10

AD-1019-22BT	AD-1019-22BT	22	Blue	Hard White	Flat	0.41	0.016	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-22BTS	AD-1019-22BTS	22	Blue	Soft Yellow	Flat	0.41	0.016	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-23BT	AD-1019-23BT	23	Orange	Hard White	Flat	0.33	0.013	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-23BTS	AD-1019-23BTS	23	Orange	Soft Yellow	Flat	0.33	0.013	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-25BT	AD-1019-25BT	25	Red	Hard White	Flat	0.25	0.010	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-25BTS	AD-1019-25BTS	25	Red	Soft Yellow	Flat	0.25	0.010	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-27BT	AD-1019-27BT	27	Clear	Hard White	Flat	0.20	0.008	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-27BTS	AD-1019-27BTS	27	Clear	Soft Yellow	Flat	0.20	0.008	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-14BT	AD-1019-14BT	14	Olive	Hard White	Flat	1.55	0.060	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-14BTS	AD-1019-14BTS	14	Olive	Soft Yellow	Flat	1.55	0.060	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-15BT	AD-1019-15BT	15	Amber	Hard White	Flat	1.37	0.054	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-15BTS	AD-1019-15BTS	15	Amber	Soft Yellow	Flat	1.37	0.054	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-18BT	AD-1019-18BT	18	Green	Hard White	Flat	0.84	0.033	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-18BTS	AD-1019-18BTS	18	Green	Soft Yellow	Flat	0.84	0.033	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-20BT	AD-1019-20BT	20	Pink	Hard White	Flat	0.61	0.023	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-20BTS	AD-1019-20BTS	20	Pink	Soft Yellow	Flat	0.61	0.023	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-21BT	AD-1019-21BT	21	Purple	Hard White	Flat	0.51	0.020	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-21BTS	AD-1019-21BTS	21	Purple	Soft Yellow	Flat	0.51	0.020	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-22BT	AD-1019-22BT	22	Blue	Hard White	Flat	0.41	0.016	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-22BTS	AD-1019-22BTS	22	Blue	Soft Yellow	Flat	0.41	0.016	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-23BT	AD-1019-23BT	23	Orange	Hard White	Flat	0.33	0.013	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-23BTS	AD-1019-23BTS	23	Orange	Soft Yellow	Flat	0.33	0.013	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-25BT	AD-1019-25BT	25	Red	Hard White	Flat	0.25	0.010	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-25BTS	AD-1019-25BTS	25	Red	Soft Yellow	Flat	0.25	0.010	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-27BT	AD-1019-27BT	27	Clear	Hard White	Flat	0.20	0.008	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1019-27BTS	AD-1019-27BTS	27	Clear	Soft Yellow	Flat	0.20	0.008	12.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-14BT	AD-1020-14BT	14	Olive	Hard White	Flat	1.55	0.060	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-14BTS	AD-1020-14BTS	14	Olive	Soft Yellow	Flat	1.55	0.060	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-15BT	AD-1020-15BT	15	Amber	Hard White	Flat	1.37	0.054	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-15BTS	AD-1020-15BTS	15	Amber	Soft Yellow	Flat	1.37	0.054	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-18BT	AD-1020-18BT	18	Green	Hard White	Flat	0.84	0.033	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-18BTS	AD-1020-18BTS	18	Green	Soft Yellow	Flat	0.84	0.033	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-20BT	AD-1020-20BT	20	Pink	Hard White	Flat	0.61	0.023	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-20BTS	AD-1020-20BTS	20	Pink	Soft Yellow	Flat	0.61	0.023	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-21BT	AD-1020-21BT	21	Purple	Hard White	Flat	0.51	0.020	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-21BTS	AD-1020-21BTS	21	Purple	Soft Yellow	Flat	0.51	0.020	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-22BT	AD-1020-22BT	22	Blue	Hard White	Flat	0.41	0.016	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-22BTS	AD-1020-22BTS	22	Blue	Soft Yellow	Flat	0.41	0.016	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-23BT	AD-1020-23BT	23	Orange	Hard White	Flat	0.33	0.013	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-23BTS	AD-1020-23BTS	23	Orange	Soft Yellow	Flat	0.33	0.013	14.0	42.00	1.65	0.05mm +/-	1 or 10

AD-1020-25BT	AD-1020-25BT	25	Red	Hard White	Flat	0.25	0.010	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-25BTS	AD-1020-25BTS	25	Red	Soft Yellow	Flat	0.25	0.010	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-27BT	AD-1020-27BT	27	Clear	Hard White	Flat	0.20	0.008	14.0	42.00	1.65	0.05mm +/-	1 or 10
AD-1020-27BTS	AD-1020-27BTS	27	Clear	Soft Yellow	Flat	0.20	0.008	14.0	42.00	1.65	0.05mm +/-	1 or 10

Disclaimer: While reasonable efforts have been made to ensure all information on this website is accurate, Adhesive Dispensing Ltd. do not assume responsibility for any errors or omissions.

All specifications, illustrations, data and prices are subject to change without notice. File 2017.1.3UKT.

Adhesive Dispensing Limited
55 Alston Dr. Bradwell Abbey
Milton Keynes, Bucks, MK13 9HB, UK

Tel +44 (0)1908 686660

Fax +44 (0)1908 686836

<https://www.adhesivedispensers.co.uk>
orders@adhesivedispensers.co.uk

ISO9001:2015 Accredited