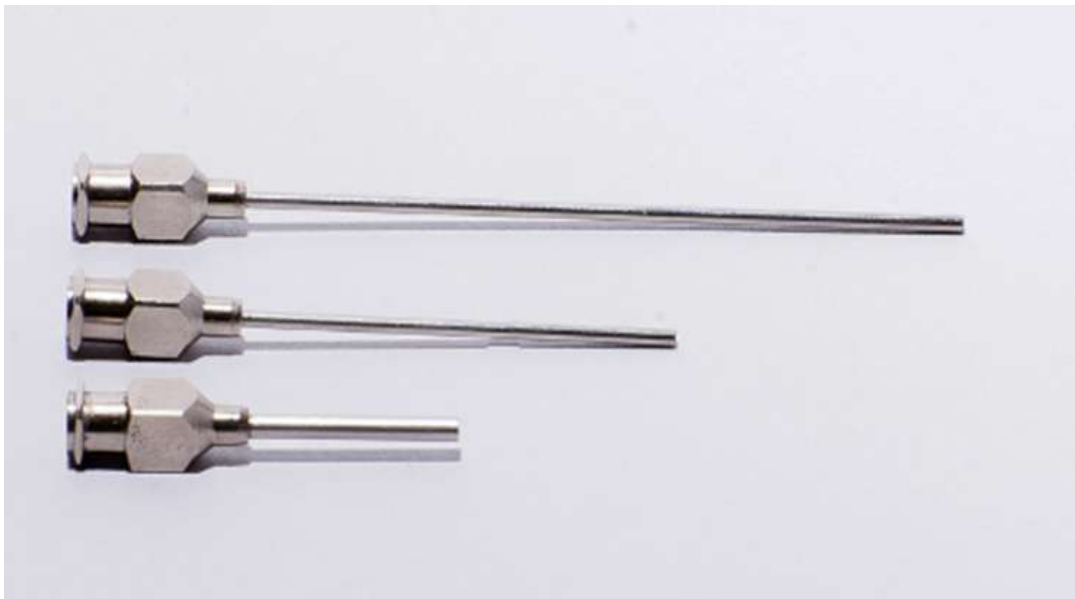


E-Fiber Accessories

Modular electrospinning/electrospraying platform



EFA030 - Stainless Steel Infusion Needles

Standard infusion needles, suitable as spinneret for electrospinning applications. Available in a wide range of sizes, from 5G to 32G. Minimum dead volume.

Washable and reusable, ideal for research applications not only in the electrospinning/spraying field.

Main features

- reusable AISI 304 stainless steel
- 100% compatible with all of our E-Fiber devices
- adaptable to any device using Male Luer Lock Connections
- easy to handle
- easy cleaning procedure
- autoclavable
- comply with GLP / GMP

TECHNICAL DATA

Materials	AISI 304 Stainless Steel (shaft) Chrome and Zinc plated brass (hub)
Connector	Female Luer
Dimensions	50.8 mm length
Diameter size range	5 - 32 G

Table of needle dimensions

Gauge	OD - Outer Diameter		ID - Inner Diameter		Wall thickness	
	[inches]	[mm]	[inches]	[mm]	[inches]	[mm]
5	0.219	5.56	0.189	4.80	0.015	0.381
6	0.203	5.16	0.173	4.39	0.015	0.381
7	0.180	4.57	0.150	3.81	0.015	0.381
8	0.165	4.19	0.135	3.43	0.015	0.381
9	0.148	3.76	0.118	3.00	0.015	0.381
10	0.134	3.40	0.106	2.69	0.014	0.356
11	0.120	3.05	0.094	2.39	0.013	0.330
12	0.109	2.77	0.085	2.16	0.012	0.305
13	0.095	2.41	0.071	1.80	0.012	0.305
14	0.083	2.11	0.063	1.60	0.010	0.254
15	0.072	1.83	0.054	1.37	0.009	0.229
16	0.065	1.65	0.047	1.19	0.009	0.229
17	0.058	1.47	0.042	1.07	0.008	0.203
18	0.049	1.24	0.033	0.84	0.008	0.203
19	0.042	1.07	0.027	0.69	0.0075	0.191
20	0.035	0.889	0.023	0.584	0.0060	0.152
21	0.032	0.813	0.020	0.508	0.0060	0.152
22	0.028	0.711	0.016	0.406	0.0060	0.152
23	0.025	0.635	0.013	0.330	0.0060	0.152
24	0.022	0.559	0.012	0.305	0.0050	0.127
25	0.020	0.508	0.010	0.254	0.0050	0.127
26	0.018	0.457	0.010	0.254	0.0040	0.102
27	0.016	0.406	0.008	0.203	0.0040	0.102
28	0.014	0.356	0.007	0.178	0.0035	0.089
29	0.013	0.330	0.007	0.178	0.0030	0.076
30	0.012	0.305	0.0055	0.140	0.0033	0.083
31	0.010	0.254	0.0045	0.114	0.0025	0.064
32	0.0090	0.229	0.0035	0.089	0.0028	0.070

ORDERING DETAILS

Product code

EFA030

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