



TECHNICAL DATA SHEET
BD Microlance™ hypodermic needle
Sterile, Single use, Latex Free

GENERAL INFORMATION

Single use latex free sterile needles, for injection and infusion, with triple cut bevel.

REGULAR NEEDLES

Reference	Description Gauge/ inches	Pravaz	Length	Wall	Color code	Box (units)	Case (units)
305136	27G 1 1/4		30 mm	Regular	Grey	100	5.000
302200	27G 3/4		18 mm	Regular	Grey	100	5.000
300635	27G 1/2		13 mm	Regular	Grey	100	5.000
304300	26G 5/8		16 mm	Regular	Brown	100	5.000
303800	26G 1/2	N 20	13 mm	Regular	Brown	100	5.000
300300	26G 3/8		10 mm	Regular	Brown	100	5.000
300400	25G 1		25 mm	Regular	Orange	100	5.000
300600	25G 5/8	N 18	16 mm	Regular	Orange	100	5.000
304100	24G 1		25 mm	Regular	Violet	100	5.000
300700	23G 1¼	N 14	30 mm	Thin	Blue	100	5.000
300800	23G 1	N 16	25 mm	Thin	Blue	100	5.000
301000	22G 1½		40 mm	Thin	Black	100	5.000
300900	22G 1¼	N 12	30 mm	Thin	Black	100	5.000
304727	22G 1		25 mm	Thin	Black	100	5.000
304432	21G 1½	N 2	40 mm	Thin	Green	100	5.000
301156	21G 1		25 mm	Thin	Green	100	5.000
301300	20G 1½	N 1	40 mm	Thin	Yellow	100	5.000
304827	20G 1		25 mm	Thin	Yellow	100	5.000
301500	19G 1½		40 mm	Thin	Cream	100	5.000
304622	18G 1½		40 mm	Thin	Pink	100	5.000
301155	21G		60 mm	Regular	Green	100	4.000
304434	21G		16 mm	Thin	Green	100	5.000
300094	22G 2"		50mm	Regular	Black	100	4.000

“BD Microlance™ hypodermic needle-sterile”

BD Medical -Medical Surgical Systems
 European Distribution Center
 57, Laagstraat – 9140 Temse
 Belgium



SPECIAL NEEDLES

Reference	Description Gauge/ inches	Length	Wall	Color code	Box (units)	Case (units)
304000	30G ½	13 mm	Regular	Yellow	100	5.000
305127	25 G 1 1/2"	40 mm	Regular	blue	100	1.000
300094	* 22G 2	50 mm	Regular	Black	100	4.000
304434	21G 5/8	16 mm	Thin	Green	100	5.000
301700	19G 1	25 mm	Thin	Cream	100	5.000
301750	19G 2	50 mm	Thin	Cream	100	4.000
301900	* 18G 2	50 mm	Regular	Pink	100	4.000
300637	16G 1½	40 mm	Regular	White	100	5.000

TECHNICAL SPECIFICATIONS NEEDLES

GAUGE	DIAMETER (mm)
14 / 2,1 mm	1,950-2,150
16 / 1,6 mm	1,600-1,690
18 / 1,2 mm	1,200-1,300
19 / 1,1 mm	1,030-1,100
20 / 0,9 mm	0,860-0,920
21 / 0,8 mm	0,800-0,830
22 / 0,7 mm	0,698-0,730
23 / 0,6 mm	0,600-0,650
24 / 0,55 mm	0,550-0,580
25 / 0,5 mm	0,500-0,530
26 / 0,45 mm	0,440-0,470
27 / 0,4 mm	0,400-0,420
30 / 0.3 mm	0.298-0.320

GENERAL INFORMATION AND STANDARD

✧ MATERIALS

Needle Hub.....	COLOR CODED POLYPROPYLENE
Needle Shield.....	POLYPROPYLENE
Bonding Agent.....	EPOXY
Needle.....	STAINLESS STEEL AISI 304 (Chromium 18-20%; Nickel 8-12%; Manganese 2%; Silicon 1%)
Lubricant.....	SILICONE OIL, <0.25 □g/mm ²
Web packaging.....	POLYAMIDE
Box.....	PAPER

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The products do not contain natural latex.
The products do not contain Substances of Very High Concern (SVHC) like di(2ethylhexyl) phthalate DEHP.

Bisphenol A might be found in very low amount (at a concentration inferior to 5ppm) as a residue from the epoxy synthesis processing. Epoxy is used as needle bonding agent.

✧ LABELS: according to European Medical Device directive and FDA, multilingual

✧ ETHYLENE OXIDE STERILIZED: 5 years shelf life
ETO residues within applicable regulations.
Store in dry and warm place. Do not leave exposed to strong light.
Two products referenced **305127** and **305136** undergo radiation.

ALL NEEDLES MEET THE FOLLOWING STANDARDS:

ISO 7864: “Sterile hypodermic needles for single use”
EN 20594-1/ISO 594-1:“Conical fitting with 6% (Luer) taper for syringes, needles”
EN 1707/ISO 594-2: Conical Fittings with a 6 % (Luer) Taper for Syringes, needles..”—
Lock Fittings
ISO 6009: “Hypodermic needles for single use – Color coding for identification” (except for 305127)

QUALITY CONTROL:

Incoming raw material is verified via material inspection and/or supplier certification.
In addition to the automatic on-line inspections, in-process inspections are performed.
They include visual inspection, dimensional checks and physical tests.
Sample of finished products are tested for sterility.
Materials are tested for non-toxicity and non-pyrogenicity.

Product	Manufacturer	ISO standard	CE certificate	BD Manufacturing Site
300700, 300800, 300900, 301000, 301155, 301300, 304432, 304434, 304727, 304827	Becton Dickinson S.A. - Cra. Mequinenza, s/n. 22520-Fraga (Huesca) Spain	AENOR 0318 – N° ER-0097/1994 – AEMPS ISO 9001:2008; N° 98.06 2006 EN – ISO 13485:2003	AEMPS 0318 – N° 95 06 0006 CP	Becton Dickinson S.A. - Cra. Mequinenza, s/n. 22520-Fraga (Huesca) Spain
300094, 300300, , 300600, 300635, 300637, 301500, 301700, 301750, 301900, 302200, 303800, 300400, 304100, 304300, 304622, 304000, 301155	Becton Dickinson & Company Donore Road Drogheda Co. Louth Ireland	NSAI – N° MD 19.1609 - I.S. EN ISO 13485:2003	NSAI 050 – N° Q252.157	Becton Dickinson S.A. - Cra. Mequinenza, s/n. 22520-Fraga (Huesca) Spain
305127, 305136	Becton Dickinson and company 1 Becton Drive Franklin Lakes NJ 07417, USA	NSAI-Cert.MD 19.2305- EN ISO 13485:2003 and EN ISO 9001:2000	NSAI 0050-Cert. Q252.232	BD MEDICAL SURIGICAL SYSTEMS 852 10th Avenue Columbus , NE 68601.

CE MARK: Class IIa
BAR CODE ON SHELF PACK (Box): EAN 128