

Quality time for better care



PHARMACEUTICAL

# K-Pack™ II Needle



Hypodermic needle designed  
for the Pharmaceutical Industry

# K-Pack™ II

Terumo's proven hypodermic needle quality - individually packed in a hard cap & case receptacle. Extra-Thin and Terumo Ultra-Thin wall technology accomplishes the broad product offer!



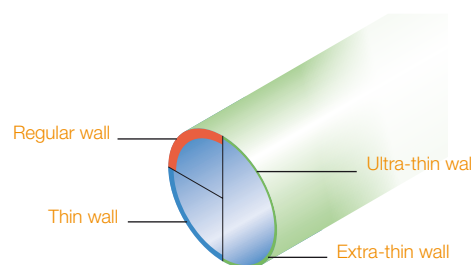
## Dedicated to the Pharmaceutical Industry

Terumo Quality Needle with T-SHARP™ Lancet tip and Silicone coating, intended to decrease penetration resistance, aiming for highest patient comfort.

Terumo Thin Wall, Extra-Thin Wall, and even Ultra-Thin Wall cannulas provide smaller gauge options with similar performance compared to larger sizes and support the application of solutions with higher viscosity\*.

Ergonomically shaped cap and (short) case are intended to occupy minimal space, and thus ease the design of the drug's primary packaging. Round shaped containers enhance pick-and-place by e.g. suction pads.

Color-coded, tamper evident labels with 2D-barcode, the requirement to implement a full 360° camera inspection, a key element for optimal packaging processes, facilitating device identification and inventory control.



































*Images are for visualization purpose only.*

*\*Data on file.*

# K-Pack™ II

# Unlock the potential

## Ordering information

Reference	Label Color	Diameter (OD)		Length		Wall	Packaging Configuration
		Gauge	mm	mm	Inch		
KN-1838SB	Pink 	18	1.2	40	1 1/2	Thin	5000 pcs bulk
KN-1938RB	Ivory 	19	1.1	40	1 1/2	Thin	5000 pcs bulk
KN-2038RB	Yellow 	20	0.9	40	1 1/2	Thin	5000 pcs bulk
KN-2038RB500P	Yellow 	20	0.9	40	1 1/2	Thin	10 unit boxes of 500 pcs each
KN-2138RB	Green 	21	0.8	40	1 1/2	Thin	5000 pcs bulk
KN-2150RB	Green 	21	0.8	50	2	Regular	4200 pcs bulk
KN-2232RB	Black 	22	0.7	30	1 1/4	Thin	5000 pcs bulk
KN-2238RB	Black 	22	0.7	40	1 1/2	Thin	5000 pcs bulk
KF-2308RBKE	Blue 	23	0.6	8	5/16	Extra-Thin	5000 pcs bulk
KF-2308SBKE	Blue 	23	0.6	8	5/16	Extra-Thin	5000 pcs bulk
KN-2325RB	Blue 	23	0.6	25	1	Thin	5000 pcs bulk
KN-2332RB	Blue 	23	0.6	30	1 1/4	Thin	5000 pcs bulk
KN-2516RB05	Salmon 	25	0.5	16	5/8	Thin	5000 pcs bulk
KN-2525RB	Orange 	25	0.5	25	1	Thin	5000 pcs bulk
KN-2610RB	Brown 	26	0.45	10	3/8	Regular	5000 pcs bulk
KN-2616RB	Brown 	26	0.45	16	5/8	Regular	5000 pcs bulk
KN-2713RB	Grey 	27	0.4	12	1/2	Regular	5000 pcs bulk
KN-2713RBKT	Grey 	27	0.4	12	1/2	Thin	5000 pcs bulk
KN-2713RBKTE	Grey 	27	0.4	12	1/2	Terumo-Extra-Thin	5000 pcs bulk
KN-2713RBKTU	Grey 	27	0.4	12	1/2	Terumo-Ultra-Thin	5000 pcs bulk
KN-2713RKT50	Grey 	27	0.4	12	1/2	Thin	50 unit boxes of 50 pcs each
KN-2719RB	Grey 	27	0.4	20	3/4	Regular	5000 pcs bulk
KN-2719RB500P	Grey 	27	0.4	20	3/4	Regular	10 unit boxes of 500 pcs each
KN-2719RBT	Grey 	27	0.4	20	3/4	Thin	5000 pcs bulk
KN-2908RBKT	Red 	29	0.33	8	5/16	Thin	5000 pcs bulk
KN-2913RB	Red 	29	0.33	12	1/2	Regular	5000 pcs bulk
KN-2913RBKT	Red 	29	0.33	12	1/2	Thin	5000 pcs bulk
KN-3013RB	Yellow 	30	0.3	12	1/2	Regular	5000 pcs bulk
KN-3013RBKT	Yellow 	30	0.3	12	1/2	Thin	5000 pcs bulk
KN-3013RBKE	Yellow 	30	0.3	12	1/2	Extra-Thin	5000 pcs bulk
KN-3013RBKU	Yellow 	30	0.3	12	1/2	Ultra-Thin	5000 pcs bulk
KN-3013RKT50	Yellow 	30	0.3	12	1/2	Thin	50 unit boxes of 50 pcs each

Please note that some products may not be available in all regions, please reach out to your local Terumo Medical Care Solutions - Pharmaceutical contact for details. ETW & UTW-needles are not yet registered in Korea – status April 2023

# General Specifications

Specification	Description
Needle point	Lancet Point (triple bevel)
Cannulae	Stainless Steel X5CrNi 18-10
Hub	Polypropylene and masterbatch
Individual packaging	Polypropylene
Sterilization	Ethylene Oxide
Sterility Assurance Level	at least 10 <sup>-6</sup> (EN 556-1)
Shelf Life	5 years
Applicable Standards (selection):	
EN ISO 80369-7	Small-bore connectors for liquid gases in healthcare applications – Part 7 – Connectors for intravascular or hypodermic applications
EN ISO 6009	Hypodermic needles for single use – Colour coding for identification
EN ISO 7864	Sterile hypodermic needles for single use
EN ISO 10993-x	Biological evaluation of medical devices
EN ISO 11135	Sterilisation of health care products – Ethylene oxide – Requirements for the development, validation and routine control of a sterilization process for medical devices
EN ISO 11607-1/2	Packaging for terminally sterilised medical devices
European Pharmacopeia	2.6.1. Sterility
	2.6.8. Pyrogens
	2.6.14. Bacterial Endotoxins
	3.1.3. Polyolefins
	3.1.8. Silicone oil used as lubricant
EN ISO 9626	Stainless steel needle tubing for the manufacturing of medical devices – Requirements and test methods

Manufactured in Belgium

ISO certification: EN ISO 13485:2016/AC:2018/A11:2021

FDA Registration: Registration Number 9681413

CE Certified: **CE** 0197

Certifying (Notified) Body: TÜV Rheinland LGA Products GmbH, Germany

Cleanroom standard for assembly operations: ISO Class 8 in accordance with EN ISO 14644-1

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[www.terumopharmaceuticalsolutions.com](http://www.terumopharmaceuticalsolutions.com)