

Quality time for better care



PHARMACEUTICAL

**One solution
One expert**



**Total Injection Solution for
our Partners in Aesthetics**

Connect the Expertise

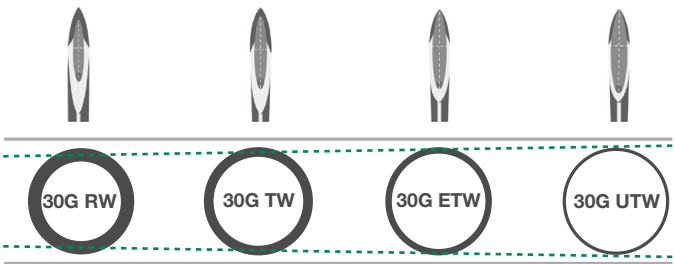
An ideal combination for your applications

Choosing your injection devices and supplier are paramount to the management of injection products. Now you can get two product lines from one trusted provider, Terumo —**an expert in medical devices for over 80 years.**

K-Pack™ II Needle

This range of hypodermic injection needles features **Extra-Thin Wall (ETW)** and **Ultra-Thin Wall (UTW)** specifications for the 27G and 30G-sizes.

Select the best suited needle size for the comfort of a specific application.



PLAJEX™ Ready-to-Fill Syringes

Made of COP (Cyclo Olefin Polymer)

Designed to mitigate the common challenge of adapter disconnecting (pop-off) from the syringe. Features an integrated Luer Lock collar which is unique to polymer syringes.

PLAJEX™
Ready-to-Fill Polymer Syringe



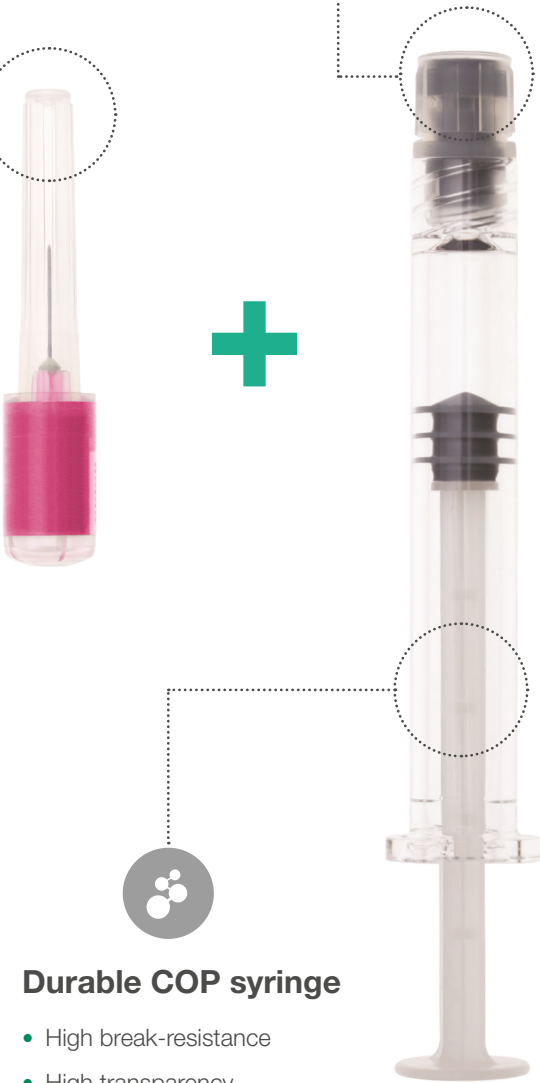
ETW and UTW-needles are not yet registered in Korea – status January 2023.

For a convenient, compact application kit

- Rigid needle container
- Minimal space occupation
- Designed to co-pack

Easy grip

- Twist-off tip cap



Durable COP syringe

- High break-resistance
- High transparency
- Design flexibility

K-Pack™ II

A better patient experience¹

- Reduced extrusion force
- T-Sharp™ needle technology – intended to decrease penetration resistance²
- Smaller needle gauges with similar performance¹

Terumo, Your Total Solution Provider

Our goal is to help you improve the value of your treatments. Crafted from 50+ years of experience in high-quality medical injection needles and polymer syringes, we are your total solutions provider to:

- Streamline supply chains with one trusted provider
- Minimize administrative burden
- Shorten response time for inquiries
- Improve patient comfort

No Luer Lock adapter pop-off

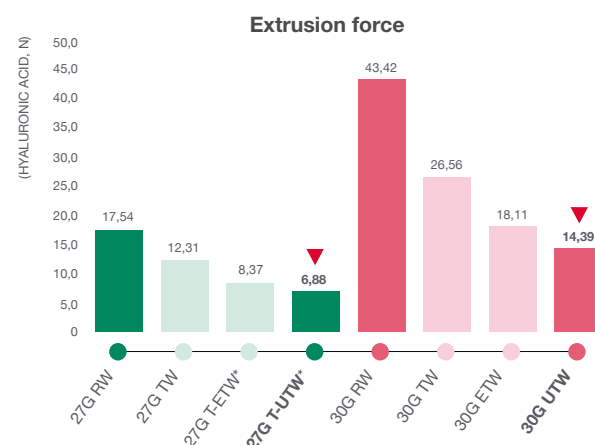
- Integrated Luer Lock

Easy-to-handle design

- Finger grip with ergonomic design
- Cut flange reference to ISO 11040-6

The Comfort of Proven Needle Performance¹

Needle performance addresses lowering extrusion forces and increasing flow rates, especially for highly viscous formulations.



* Terumo-own-definition as no value (yet) in EN ISO 9626

Images are for visualization purpose only.

References: ¹ Data source: verification of the performance of K-Pack™ II needle compared with competitors for the aesthetic market.

² Comparative Hypodermic Needle sharpness among major brands: results of an independent study.

Total Injection Solution for our Partners in Aesthetics



Specification	Material Specification
Syringe size	1 ml long – 2.25 ml (Reference to ISO 11040-6)
Syringe barrel lubrication	Silicone oil Optional: 1 ml long silicone oil-free
Luer Lock	Integrated molded Luer Lock (Compliant with EN ISO 80369-7)
Twist-off tip cap	Rubber component: Chlorobutyl rubber (CIIR) Rigid cap: Polypropylene
Flange shape	Cut flange (Reference to ISO 11040-6)
Plunger stopper	Chlorobutyl rubber (CIIR) Reference to ISO 11040-5 Optional: 1 ml long i-coating™ (silicone oil-free)
Packaging	Barrel: 10 x 10 Nest/Tub format (100 syringes per tub) Plunger stopper: Double Tyvek® bag Optional: 1 ml long i-coating™ stopper in Rapid Transfer Port bag
Sterilization	Barrel: Autoclave (steam) Plunger stopper: Autoclave (steam)
Plunger rod	Material: Polypropylene
Optional	Finger grip extension (Backstop)

K-Pack™ II

Specification	Material specification
Needle outer diameter (Selection)	27 G (0.40 mm) - Regular Wall / Thin Wall / Terumo Extra-Thin Wall / Terumo Ultra-Thin Wall 29 G (0.33 mm) - Regular Wall / Thin Wall 30 G (0.30 mm) - Regular Wall / Thin Wall / Extra-Thin Wall / Ultra-Thin Wall
Needle length	12 mm or 20 mm for 27 G 08 mm or 12 mm for 29 G 12 mm for 30 G
Needle point	Lancet Point (triple bevel)
Needle lubrication	Silicone oil
Needle hub	Polypropylene / Compliant with EN ISO 80369-7
Cannula	Stainless Steel X5CrNi 18-10
Individual packaging	Polypropylene
Transport packaging	Bulk, 5000 pcs per cardboard shipping carton
Sterilization	Ethylene Oxide Gas / Sterility Assurance Level at least 10 ⁻⁶ (EN 556-1)

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. All brand names are trademarks or registered trademarks owned by TERUMO CORPORATION, its affiliates, or unrelated third parties. ETW and UTW-needles are not yet registered in Korea – status January 2023.



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