

One solution One expert

Total Injection Solution for
our Partners in Aesthetics

PLAJEX™
Ready-to-Fill Polymer Syringe



K-Pack® II

Connect the Expertise

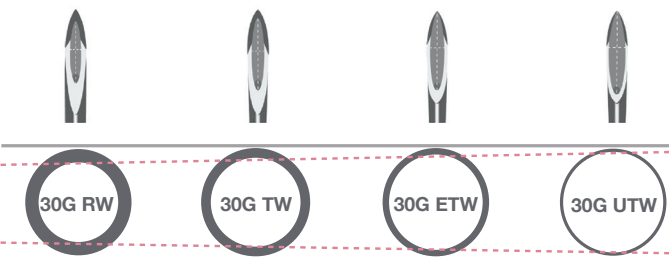
An ideal combination for your applications

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 Pharmaceutical Solutions—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.

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



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. With **50+ years' experience** in manufacturing high-quality medical injection needles and polymer syringes, Terumo Pharmaceutical Solutions is your total solutions provider to:

- ▶ Streamline with one vendor
- ▶ Minimize administrative burden
- ▶ Shorten response time for inquiries
- ▶ Improve patient comfort



No luer lock adapter pop-off

- Integrated luer lock

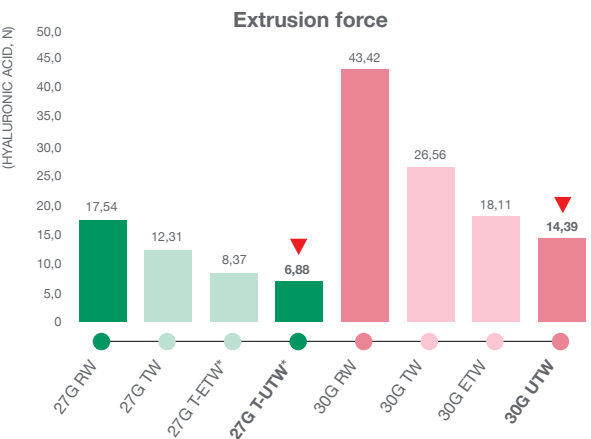


Easy-to-handle design

- Finger grip with ergonomic design
- Cut flange reference to ISO11040-6

The Comfort of Proven Needle Performance¹

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



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

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

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SPECIFICATION	MATERIAL SPECIFICATION
Syringe size	1mL long – 2.25mL (Reference to ISO 11040-6)
Syringe barrel lubrication	Silicone oil Optional: 1mL long silicone oil-free
Luer Lock	Integrated molded luer lock (Compliant with 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: 1mL long i-coating™ (silicone oil-free)
Packaging	Barrel: 10 x 10 Nest/Tub format (100 syringes per tub) Plunger stopper: Double Tyvek® bag Optional: 1mL 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)	27G (0.40mm) - Regular Wall / Thin-Wall / Terumo-Extra-Thin-Wall / Terumo-Ultra-Thin-Wall 29G (0.33mm) - Regular Wall / Thin-Wall 30G (0.30 mm) - Regular Wall / Thin-Wall / Extra-Thin-Wall / Ultra-Thin-Wall
Needle length	12mm or 20mm for 27G 08mm or 12mm for 29G 12mm for 30G
Needle point	Lancet Point (triple bevel)
Needle lubrication	Silicone oil
Needle hub	Polypropylene / Compliant with ISO 80369-7
Cannula	Stainless Steel X5CrNi 18-10
Individual packaging	Polypropylene
Transport packaging	Bulk, 5000pcs per cardboard shipping carton
Sterilization	Ethylene Oxide Gas / Sterility Assurance Level at least 10 ⁻⁶ (EN 556-1)



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