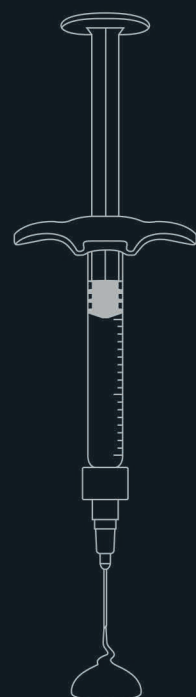


QT FILL PLUS

New Standard of HA Fillers



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New Standard of HA Fillers

**ALPHAMARIA
AESTHETICS®**

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QUALITY
WITH
TRUST

02
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03



QT

QUALITY WITH TRUST

ALPAHMARIA AESTHETICS values are
embedded in Quality of our products
and Trust with our customers

QT FILL PLUS

ALPAHMARIA AESTHETICS

SIGNATURE OF GLOBAL AESTHETICS

04

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ALPAHMARIA AESTHETICS'S QTFILL PLUS is
widely accepted across the world.



- CE Certificate (2020), Korean FDA (2021)
- Exports approximately 1.2 million syringes per annum to Europe, UK, Russia, the Azerbaijani Republic, Uzbekistan, Iraq, etc.

THE NEW STANDARD OF SAFETY



HIGH QUALITY RAW MATERIALS

QTFILL PLUS uses only high-quality and safe materials listed in EDQM(European Directorate for the Quality of Medicines & Healthcare) for HA, lidocaine, and BDDE.

PURIFICATION PROCESS (Minimized BDDE residues)

QTFILL PLUS minimizes impurities such as incompletely cross-linked BDDE(pendant and unreacted BDDE) and endotoxin residues through a 14-day purification process.



DISINTEGRATION TEST

After 48 hours of injecting hyaluronidase into 0.5ml of QTFILL PLUS, it is completely disintegrated, proving its safety.(Observed for 48 hours without shaking or mixing after the injection)

	0 hour	After 3 hours	After 6 hours	After 12 hours	After 48 hours
QTFILL PLUS					

※ If side effects occur with hyaluronic acid fillers, use 200 IU or more of hyaluronidase and gently massage the treatment area. Please do not exercise too much pressure. Ref: In-house research result

OUR
PROPRIETARY
TECHNOLOGY



MANUFACTURING PROCESS

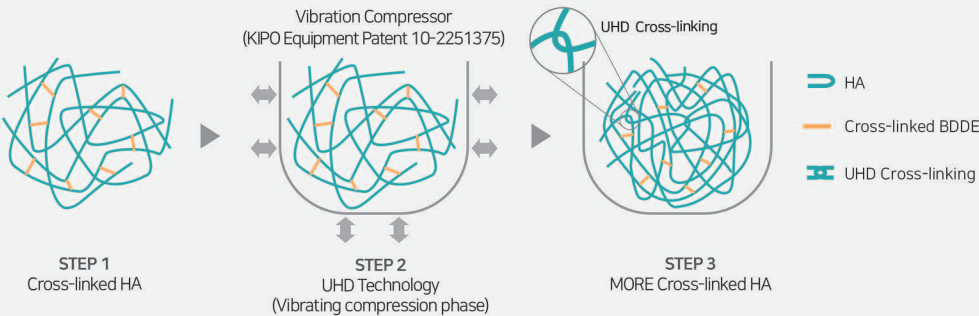
The differentiated manufacturing process increases the viscoelasticity of the filler and ensures safety.



- 25°C Assures safety by maintaining consistent temperature at 25°C for all manufacturing processes except sterilization
- 14days Minimizes residual BDDE and improves quality with 14-day purification process
- 80% UHD Technology assures safety and high viscoelasticity with only 80% of BDDE compared to other companies

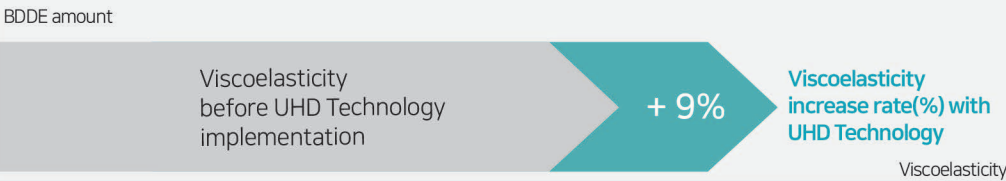
UHD TECHNOLOGY (*KIPO Patent 10-2186646)

UHD(ULTRA HIGH DENSITY) is our patented Cross-linking Technology. It increases the viscoelasticity by improving the internal density at an optimal frequency for a certain period of time.



VISCOELASTICITY INCREASE RATE

The viscoelasticity (%) value of the product is increased using the UHD method.



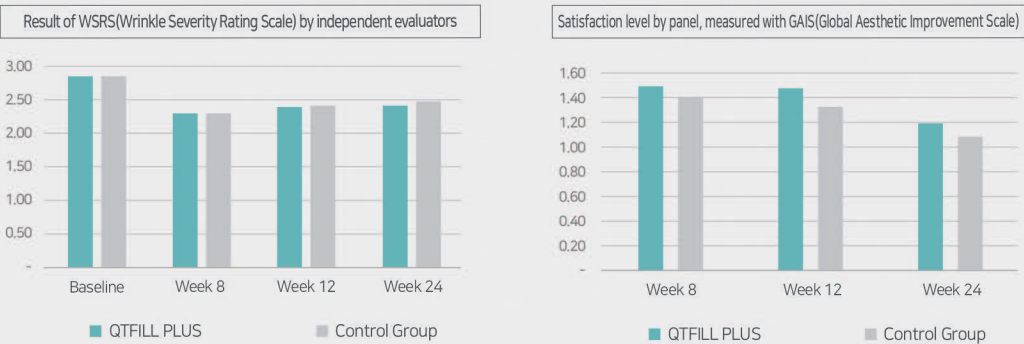
Ref: S.Thepharm Co.,Ltd, Method for producing a composition for filler using a vibrator for filler composition, KIPO Patent 10-2186646
Ref: KIPO Patent: (Patented by the Korean Intellectual Property Office)

PROVEN EXCELLENCE IN EFFECTIVENESS

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CLINICAL TRIAL RESULTS

QTFILL PLUS clinical results show significant reduction of wrinkles compared to the control panel, with a high satisfaction level.



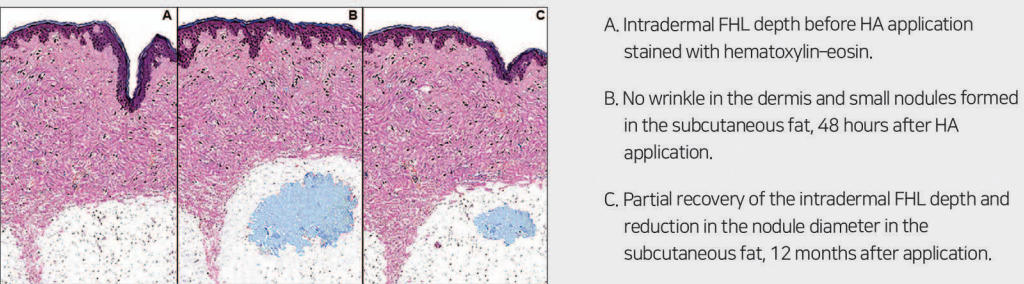
The result of the WSRS by an independent evaluator shows the degree of wrinkle depth improvement from the baseline at 8 weeks, 12 weeks, and 24 weeks.

The overall appearance improvement by the subject GAIS was found to be similar to or slightly higher than the control group.

Ref: Randomized multiple institutions to evaluate the efficacy and safety of QTFILL PLUS Sub-Q and the control group for improvement of nasolabial folds and conducted clinical tests for double-blind (evaluator-subject), non-inferiority, counterpart, and confirmatory (Testing institution: Plastic Surgery at Severance Hospital, Dermatology at Severance Hospital, and Plastic Surgery at ASAN Medical Center)

EFFECTIVENESS

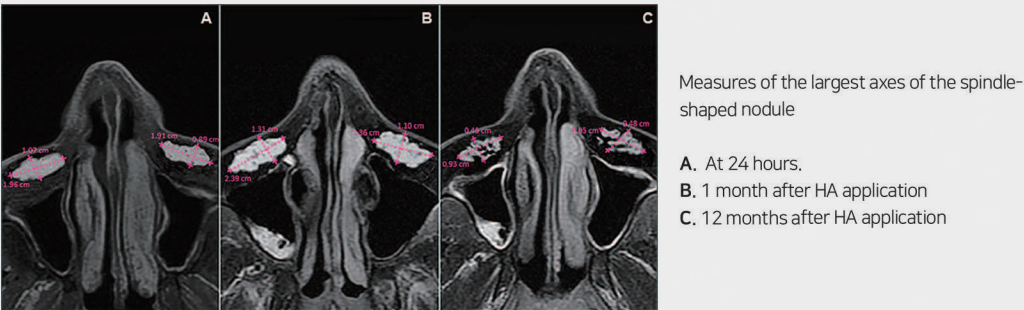
High cohesiveness of QTFILL PLUS proves its effectiveness by pushing the FHL(Forehead horizontal lines) up to the level of surrounding tissues by taking the form of a small cylindrical filament. Residue remains after 12 months, ensuring long-term effectiveness.



Ref: "Histological and Clinical Appraisal of Distribution and Long Acting New Hyaluronic Acid into the Subcutaneous Fat of the Forehead to Improve Horizontal Lines", ANTONIO CARLOS ABRAMO (BRAZIL).

DURABILITY

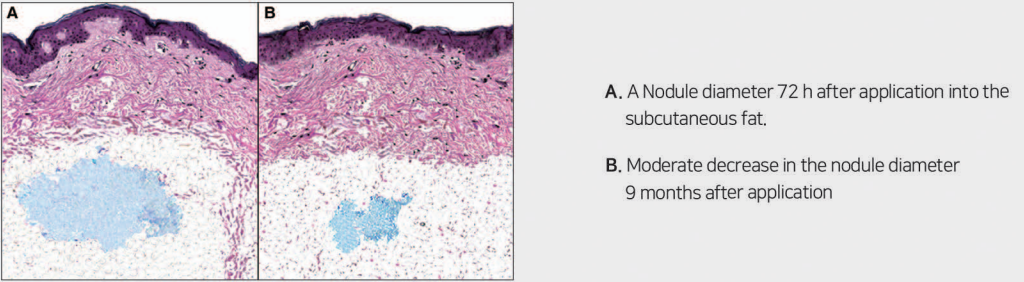
QTFILL PLUS Sub-Q has proved its durability with an MRI scan. Despite the decrease in size and denseness of the spindle-shaped nodule, its presence in the subcutaneous fat after 12 months evidence the efficacy and long-acting of the HA filler.



Ref: "Effectiveness and Long-Acting of the Hyaluronic Acid Injected into the Nasolabial Fold Measured Through Magnetic Resonance Imaging", ANTONIO CARLOS ABRAMO (BRAZIL).

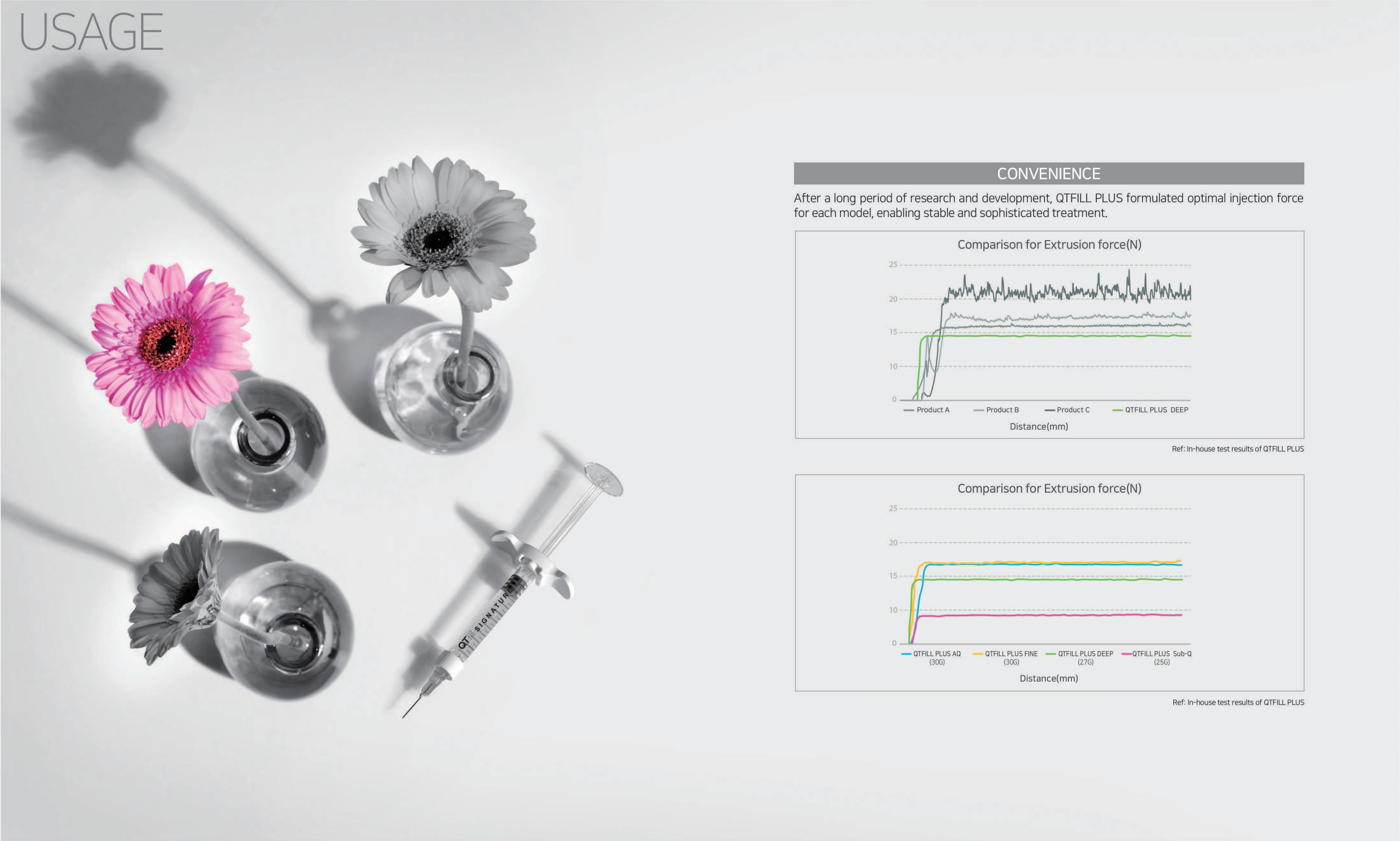
COHESIVITY

QTFILL PLUS Sub-Q coheres better in subcutaneous fat than the dermis. When injected into the subcutaneous layer of the nasolabial fold, it functions as an effective and long-lasting volumizer attributable to its high degree of concentration and cohesivity.



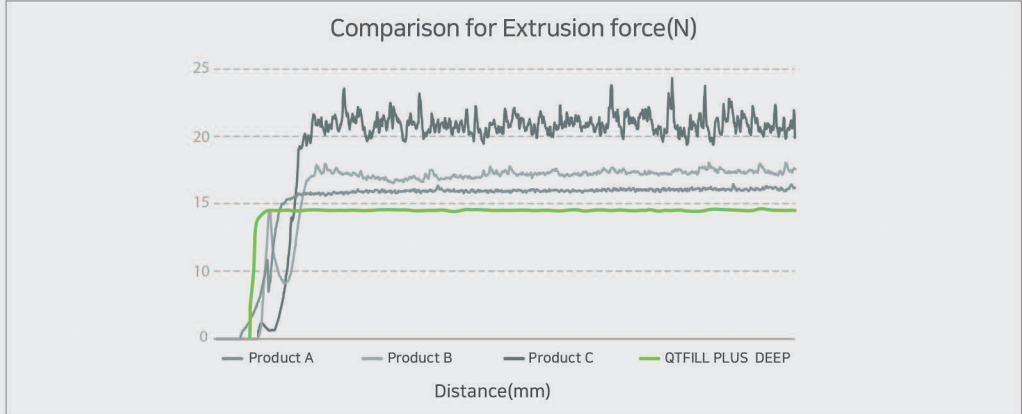
Ref: "Histological and Quantitative Appraisal of the Intradermal and Subcutaneous Distribution of the Hyaluronic Acid Injected into the Nasolabial Fold", ANTONIO CARLOS ABRAMO (BRAZIL).

OPTIMIZED EASINESS IN USAGE

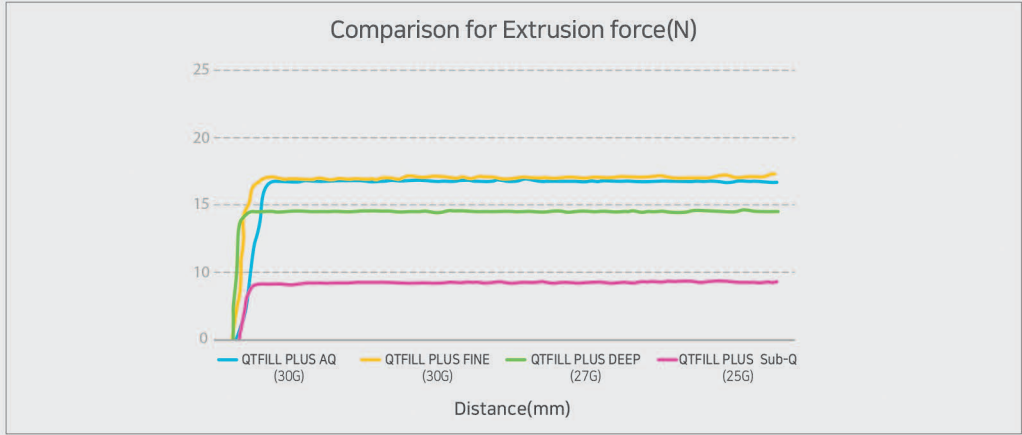


CONVENIENCE

After a long period of research and development, QTFILL PLUS formulated optimal injection force for each model, enabling stable and sophisticated treatment.



Ref: In-house test results of QTFILL PLUS

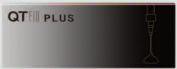
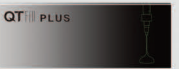
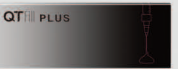


Ref: In-house test results of QTFILL PLUS

EXCELLENCE
IN THE
QTFILL PLUS

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*Certified by EU, we produce
Quality Monophasic Filler*

TOTAL SOLUTION				
Product Name	QTFILL PLUS AQ	QTFILL PLUS FINE	QTFILL PLUS DEEP	QTFILL PLUS Sub-Q
Type				
Needle Gauge	30G	30G	27G	25G
Application & Indication	Superficial dermis injection for correction of fine lines and wrinkles or facial defects	Lip defects or volume enhancement	Mid to deep dermis injection for correction of scars or deep wrinkles or facial tissue augmentation	A facial tissue augmentation for mid to deep dermal implantation for the correction of moderate to severe facial wrinkles and folds
Shape				

* The type of product is classified according to the difference in viscoelasticity.

3E Effective
Evolution
Exceptional

