



HYALURONIC ACID DERMAL FILLER · HUGEL / ACROSS, KOREA

THE CHAEUM®

Premium No.1 – No.4

BDDE-crosslinked HA gel with lidocaine

A four-step Korean HA filler ladder, made by Across Co., Ltd. and sold by Hugel Inc.: one HA family, four viscosities, two 1.1 mL syringes per box.

Premium No.1

Premium No.2

Premium No.3

Premium No.4



Made by Across, sold by Hugel

Across Co., Ltd.

Legal manufacturer, Chuncheon, Gangwon-do, Republic of Korea. Hugel Inc. affiliate. Medical-device manufacturing licence No. 3393 (2011).

Hugel Inc.

Seller named on the official The Chaeum brand site. The listed Korean aesthetics company (not "Hugel Pharma").

Not a toxin

Hugel's Botulax® / Letybo® is a botulinum toxin, a different class, licence and carton. THE CHAEUM contains no botulinum toxin.

Name	What it is
THE CHAEUM® / The Chaeum / Chaeum Premium / CHA EUM	Korean domestic brand of Across HA gels (Premium No.1-4 and Moist)
Persnica™	Hugel-stated China tradename (NMPA, April 2022), not a fifth grade
REVOLAX™, DERMALAX	Across export brands with separate variant grids and licences; grouped with The Chaeum only in Hugel financial reporting

— MEET THE RANGE

THE CHAEUM Premium No.1 – No.4



Premium No.1

HA 24 mg/mL · lidocaine 0.3%
2 × 1.1 mL · 4 × 30G needles
Superficial dermis



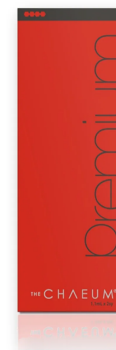
Premium No.2

HA 20 mg/mL · lidocaine 0.3%
2 × 1.1 mL · 4 × 27G needles
Mid/deep dermis to subcutaneous



Premium No.3

HA 20 mg/mL · lidocaine 0.3%
2 × 1.1 mL · 4 × 25G needles
Deep subcutaneous



Premium No.4

HA 20 mg/mL · lidocaine 0.3%
2 × 1.1 mL · 4 × 23G needles
Deep subcutaneous

The four cartons look alike: always read the grade number on the box. Colours in this brochure only identify grades.

Variant specifications at a glance

Grade	HA	Lidocaine	Syringes	Needles	Across - stated plane
Premium No.1	24 mg/mL	0.3%	1.1 mL × 2	4 × 30G	Superficial dermis
Premium No.2	20 mg/mL	0.3%	1.1 mL × 2	4 × 27G	Mid/deep dermis to subcutaneous
Premium No.3	20 mg/mL	0.3%	1.1 mL × 2	4 × 25G	Deep subcutaneous
Premium No.4	20 mg/mL	0.3%	1.1 mL × 2	4 × 23G	Deep subcutaneous

24

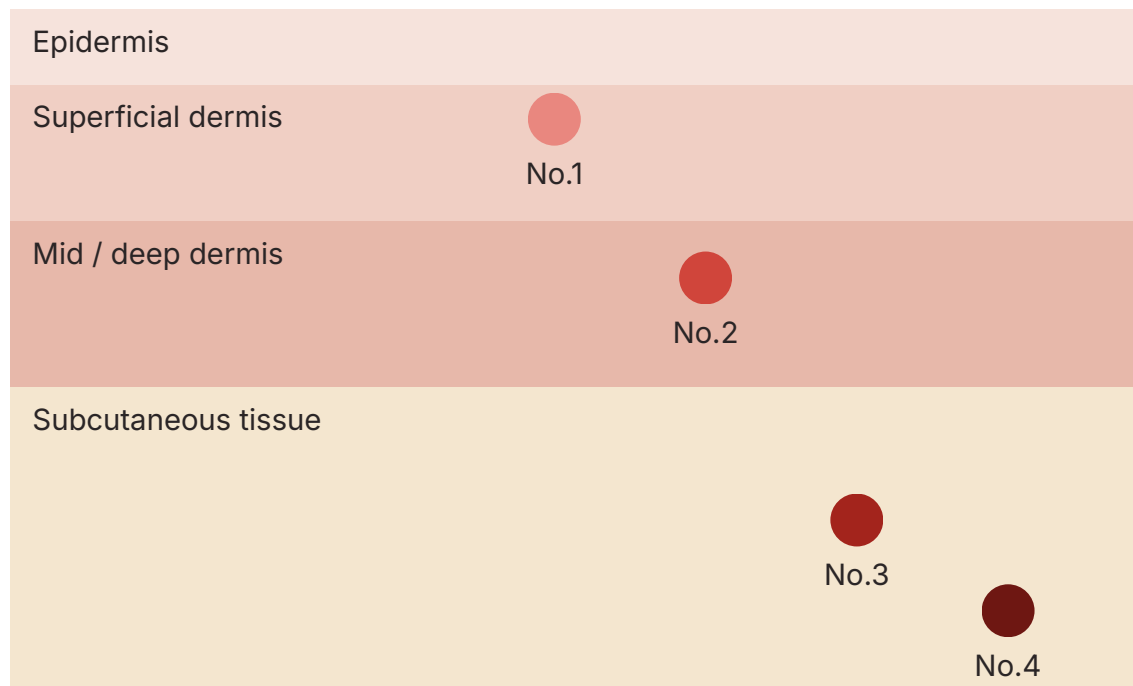
mg/mL HA in No.1, the softest grade

20

mg/mL HA in No.2, No.3 and No.4

All grades: sterile, prefilled, BDDE-crosslinked hyaluronic acid gel; no reconstitution. Storage 2–25 °C, shelf life 24 months (Across). The carton in hand prevails for HA, lidocaine, needle, volume, plane and storage.

The Across depth ladder



Schematic of the planes named in the Across table; not to scale.

NEEDLE STEPS UP WITH FIRMNESS

30G (No.1) → 27G (No.2) → 25G (No.3) → 23G (No.4). The independent lab measured No.4 at 54.8 N extrusion force through a 27G needle, consistent with Across packing a 23G for it.

LABELLED USE

Tissue-repair biomaterial: lidocaine-containing crosslinked HA placed subcutaneously for temporary improvement of facial wrinkles in adults. Hugel also lists central facial volume increase (+lidocaine, 2020). Across application part: "Facial wrinkles".

Manufacturer-named process

UFHT

Unit-Form High Technology crosslinking of sodium hyaluronate for a high-elasticity gel. A process name, not a measured G'.

8 dialysis cycles

Residual BDDE managed to the MFDS licence criterion of ≤ 2 ppm. Manufacturer claim, not an independent lot assay.

EP-grade HA

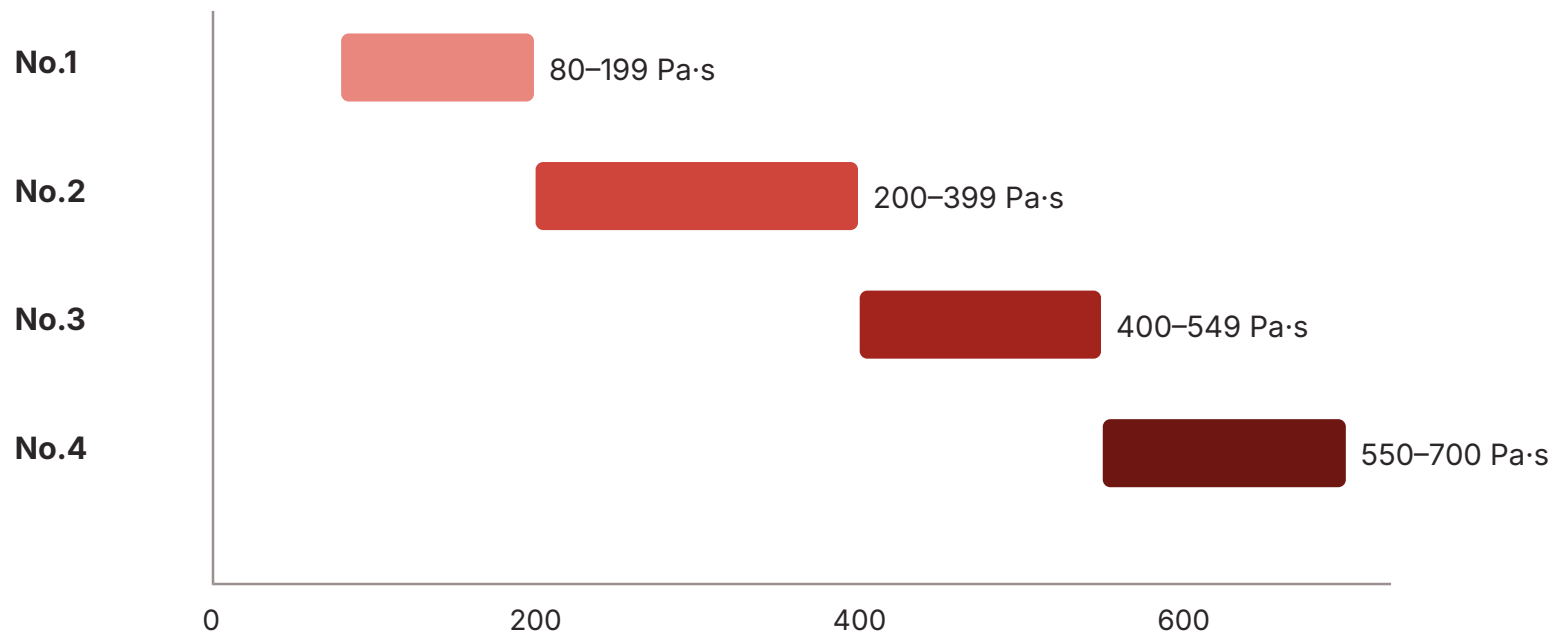
EP-spec sodium hyaluronate; HA certified by MFDS and EDQM (manufacturer raw-material claim).

Heat, then rapid cooling

Room-temperature crosslinking; ultra-high-temperature sterilisation followed by rapid cooling (manufacturer process claim).

BDDE = 1,4-butanediol diglycidyl ether, the crosslinker named by the manufacturer. Hugel and Across do not publish G' on the product leaflet or SKU table.

Viscosity bands across the ladder



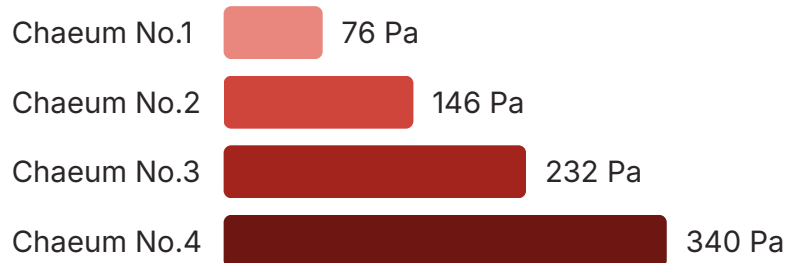
Complex viscosity η^* , Pa·s, as stated by the manufacturer on the official brand site for Premium grades.

NOT G'

Viscosity bands are not storage modulus. Independent G' values are on the next page.

— INDEPENDENT LABORATORY DATA

G' measured by Lee et al. 2020



Storage modulus G', oscillatory rheometry at 25 °C, 0.02–1 Hz; 41 commercial fillers (Dermatol Surg 2020, PMID 30883477).

Grade	G' Pa	G* Pa	tan δ	Cohesion N	Force N*
No.1	28	81	0.3733	0.4888	14.7
No.2	29	149	0.2036	0.6716	34.3
No.3	52	238	0.2200	0.7474	37.2
No.4	68	347	0.2013	0.9180	54.8

*Extrusion force through 27G; No.4 was the highest of the 41 fillers. Claimed HA 24 / 20 / 20 / 20 mg/mL.

Other labs, other methods (not averaged): Hong 2023 (PMID 37313624) Premium No.3 initial G' 300.6 ± 0.6 Pa, G'' 28.5 ± 1.5 Pa, molding index 170.5, 79% strain at 180 Pa · Yi 2023 (PMID 37156109) No.2 G' 185.8 Pa, G'' 33.4 Pa as a comparator · Kim 2024 cohesion battery on Premium No.2, lot BLC21000A.

Other CHAEUM products and names

Pure No.1 – No.4

20 mg/mL HA, no lidocaine listed, 1.0 mL × 2, needles 30G / 27G / 25G / 23G, plane "hypodermic". 2–25 °C, 24 months.

Signature 1 – 4 (20 Jul 2026)

MPC (Multi-Purified Crosslinking): over 50% less crosslinker than Across's conventional process, about two weeks of purification, BDDE ≤2 ppm (manufacturer claims). HA, needle and G': not verified.

Shape 10 · not a face product

10.0 mL, 20 mg/mL, single syringe. Across application part: penis (Hugel R&D 2017); 2026 copy calls it a large-volume body filler.

Name	Status
The Chaeum Style	Launched Sept 2018; not on current Across or brand - site grids (historical)
The Chaeum Moist · Volus 20	Moist named on Across homepage, no spec row · Volus 20 MFDS April 2014; not assumed to equal Premium
BYRYZN Skinbooster HA · "Chaeum Smile"	BYRYZN is a separate skin - booster brand (20 mg/mL, 0.3% lidocaine, 33G) · Smile not found at Hugel or Across

Labelled use versus shop copy

LABELLED (HUGEL, ACROSS, BRAND SITE)

- Temporary improvement of facial wrinkles in adults (2014, ± lidocaine).
- Central facial volume increase, +lidocaine (2020).
- Across application part for Premium 1–4: facial wrinkles.

SHOP COPY, NOT LABELLED

- Lips, nose, forehead, chin, nasolabial or periorbital zones.
- “Cross-linking rate 1/4–4/4” as a measured degree.
- Duration claims such as 6–9, 12–18 or 24 months.

Duration: labelled only as “temporary”; no number of months is verified. **Reconstitution:** not applicable, prefilled gel. Do-not-freeze is standard HA practice but not printed in the Across table: the carton prevails.

Read the carton leaflet first

Professional use

A medical device for trained professionals.
No English leaflet with a contraindication list is published, so none is invented here.

Lidocaine

Premium and Signature cartons contain lidocaine 0.3%: allergy to lidocaine is a class stop.

HA hypersensitivity

Streptococcal-protein sensitivity is a class consideration for fermented HA gels; not verified on a CHAEUM leaflet.

Vascular events and hyaluronidase: not described on Hugel or Across public pages; standard HA emergency preparedness applies as clinic protocol.
Trial-only exclusions: the off-label laryngoplasty study excluded severe allergy to local anaesthetics or HA, significant systemic disease, pregnancy or lactation, children and immune compromise; these are trial criteria, not the facial leaflet.

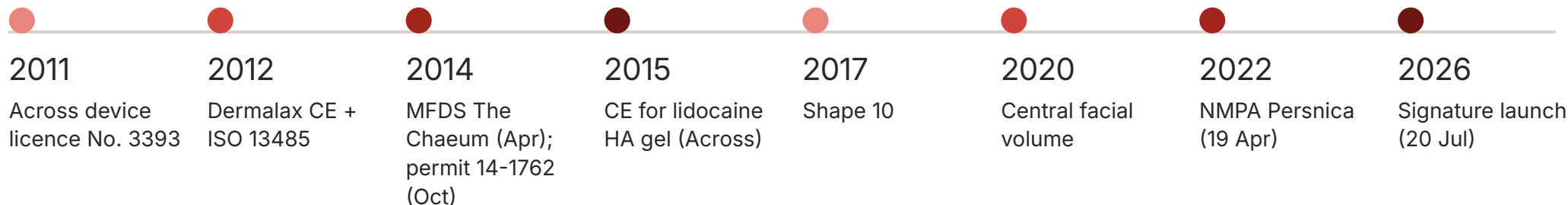
Regulatory status by product

Product	Korea · MFDS	Item permit no.	EU · CE / MDR	China · NMPA	US · FDA
Premium No.1 – No.4	Authorised 2014	Not verified	Not verified	Not verified	Not FDA PMA
Pure No.1 – No.4	Authorised 2014	Not verified	Not verified	Not verified	Not FDA PMA
Signature 1 – 4	MFDS-approved	Not verified	Not verified	Not verified	Not FDA PMA
Persnica (China name)	Not applicable	Not applicable	Not verified	Approved Apr 2022	Not FDA PMA

Manufacturer quality system KGMP and ISO 13485 for fillers **Manufacturer stated** CE and NMPA compliance stated at filler-franchise level, not per SKU.

MFDS: first The Chaeum authorisation April 2014; Pure is part of the same family per Hugel. Item-permit digits per SKU and any CE notified-body number are not verified. The NMPA approval covers Persnica; Premium cartons are not assumed to be the China pack.

Korea first, export brands abroad



Europe

CE is documented for Dermalax (2012) and an Across lidocaine HA gel (2015); Revolax is the Europe-certified line. A CHAEUM Premium CE / NB number is not verified; Hugel lists the MDR transition for fillers as future work.

United States

No FDA PMA, P-number or 510(k) identified. Hugel's 2024 US FDA approval is the toxin Letybo®, not this gel. The US is not on Hugel's HA-filler authorisation map.

Korean ad-review IDs

Premium 62026-I10-24-2986 · Signature 62026-I10-24-2988, valid to 16 July 2029: advertising-review numbers, not CE.

Where Hugel HA fillers are authorised

Hugel's "Authorization for HA Fillers" map lists, among others: **Asia-Pacific** Korea, China, Mongolia, Philippines, Taiwan, Thailand, Australia, Japan · **Middle East & Africa** Kuwait, UAE, Saudi Arabia, Lebanon, Tunisia, Qatar, Jordan, Israel, Bahrain, Syria, South Africa · **Latin America** Bolivia, Chile, Colombia, Ecuador, Guatemala, Peru · **Europe & CIS** including the UK, Germany, France, Italy, Spain and Poland. 2024 approvals added Taiwan, Tunisia, Serbia and Bosnia and Herzegovina.

These cover the Hugel HA-filler franchise (Revolax, Dermalax, Persnica or The Chaeum, depending on market). They are not a register of CHAEUM Premium cartons. Volume Plus (Canada / Australia story) is not assumed to be CHAEUM.

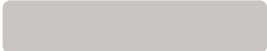
KRW 129.7 bn

Hugel FY2025 filler and booster net sales (commercial context, not a clinical claim). The Hugel JPM 2026 deck targets a "Low BDDE / Multi Phase Crosslink" filler for Korea 2027.

One human study, plus open gaps

PARK & KIM 2024 · OFF-LABEL LARYNGOPLASTY

Premium No.2, Phase II, two Korean centres, n = 10 adults with unilateral vocal-cord paralysis; MFDS trial approval No. 1353, CRIS KCT0007597; part-funded by Hugel. Median volume 1.05 mL.

Baseline  1.5

6 months  0.6

GRBAS grade G (0–3, lower is better), mean, p = 0.006. Many measures peaked at 3 months and eased by 6. No adverse effects in 10 of 10. Not a facial claim.

NOT AVAILABLE IN PUBLIC RECORDS

- Facial RCT with CHAEUM as test product: n and duration not verified
- ClinicalTrials.gov entry for the facial filler: not found
- English leaflet: not published by the manufacturer
- CE / MDR notified-body number: not verified
- Signature HA, needle and G': not yet on the Across table
- Independent residual-BDDE lot assay: not found

Hugel states efficacy and safety were shown in Korean trials; the n is not published.



ABOUT YAKSU MEDI

Yaksu Medi is a Korea-based B2B wholesale supplier of Korean medical aesthetic products. Clinics and distributors buy THE CHAEUM Premium HA dermal fillers wholesale from Korea through us, from No.1 to No.4, alongside Korean botulinum toxins and skin boosters.



Genuine CHAEUM
Hugel / Across cartons
from authorised Korean
channels.



Full Premium ladder
No.1, No.2, No.3 and No.4
for buyers worldwide.



Careful shipping
Temperature-aware
packing and DDP delivery
options.



Documentation support
Product and shipping
papers to help with import.

Need a Korean aesthetic wholesale supplier for Chaeum filler? Ask us for current THE CHAEUM Premium pricing, grade availability and lead times for your market.

yaksumedi.com · info@yaksukorea.com



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