



# LifDerma

NEXT GENERATION

## DERMAL FILLERS

HYALURONIC ACID-BASED





LifDerma

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# THE FACTS

**Product Category:** Mouldability Dermal Fillers.

**Purpose of Use:** Intradermal implantation to correct/improve volume loss and morphological asymmetry, delivering natural-looking results.

**What's Included:** 1 x 1 ml syringe, 2 x sterile needles per box.

**Key Benefits:** LifDerma works by adding volume to facial and body tissue with optimal precision, while promoting skin hydration and collagen production. It improves the appearance of wrinkles and folds to deliver a smooth appearance, harmonising the facial profile and treated body areas.

**Key Features:** LifDerma is a highly viscous filler formulated with the highest purity Hyaluronic Acid achieved from a multi-level purification process. It is a non-animal tested cross-linked HA filler derived from the revolutionary MDM® Technology.

**Where to Buy:** [www.lifderma.com](http://www.lifderma.com)



Plump



Contour



Reduce Fine Lines



CE Mark



Buy from [lifderma.com](http://lifderma.com)

## INTRODUCING LIFDERMA

Welcome to the world of **LifDerma**.  
Our groundbreaking sterile absorbable **Hyaluronic Acid Dermal Filler** brings a **fresh and innovative** approach to **facial** and **body enhancement** due to its high-quality standards, formulation, and advanced technology.



High  
Visco-Elasticity



High  
Cohesion

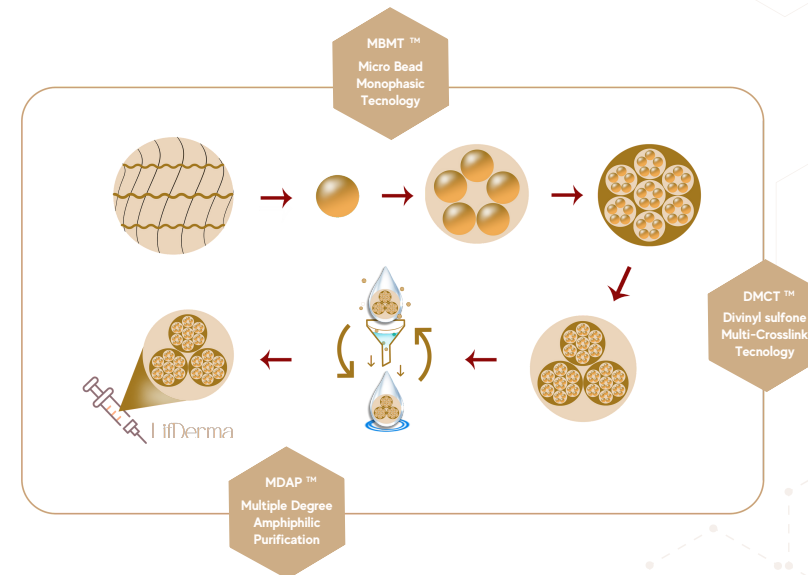


High  
Purity



Stringent  
Quality Checks

LifDerma leverages the revolutionary MDM® (Multiple Degree Monophasic) technology, a harmonious combination of **three pioneering techniques**: MBMT® (Micro Bead Monophasic Technology), DMCT® (Divinyl Sulfone Multi-Crosslink Technology), and MDAP® (Multiple Degree Amphiphilic Purification).  
This sophisticated fusion ensures **optimal performance** and **remarkable results**.



## INTRODUCING LIFDERMA

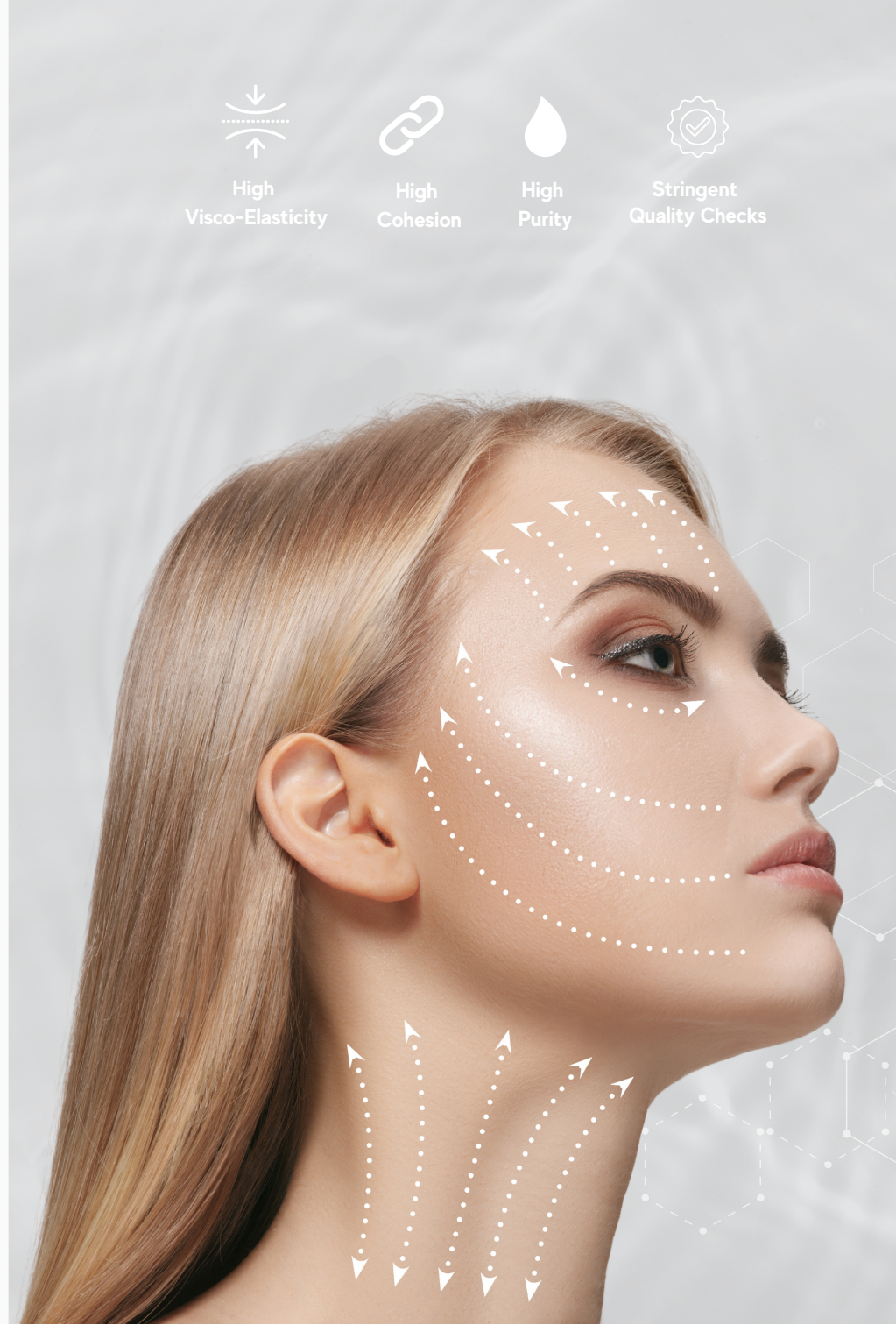
A recognized and secure HA enabling enhanced precision in injection and increased volume effectiveness.

LifDerma has been recognized for its quality by international quality certification agencies such as CE and MDSAP.

Featuring a regular and dense monophasic structure, the gel is optimised for stability. The consistency of LifDerma's molecular pattern allows for naturally harmonised volume, precise injection, and a stronger support system within the skin structure.

LifDerma uses non-animal based Hyaluronic Acid of the highest purity and is a naturally occurring substance that synchronises with the skin tissue to produce a natural-looking result.

It works by adding volume to facial and body tissue, thus softening wrinkles, folds, and other imperfections. It delivers a smoother appearance with plumped, hydrated and rejuvenated volume.



## PRODUCT FEATURES

Let us introduce you to the **remarkable features** that make LifDerma stand out from the rest.



Stringent quality checks remove excess traces of the cross-linking agent DVS from the finished product, through its rigorous dialysis process.



### REVOLUTIONARY MULTI CROSS-LINKING STRUCTURE

The LifDerma dermal filler range has a **complete multi cross-linking** structure that **minimises product migration**, allowing the product to remain close to the injection site with **high accuracy**.



### HIGH PURITY HYALURONIC ACID

As Hyaluronic Acid occurs naturally in the body, the HA LifDerma filler developed through a **multiple degree amphiphilic purification process** can synchronise with skin tissue, offering natural-looking **harmonised results**.



### EXCELLENT COHESION & HIGH VISCOELASTICITY

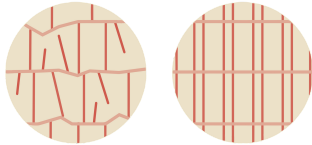
Excellent cohesion and **high viscoelasticity** are two of LifDerma's standout properties. **LifDerma's mouldable consistency** creates immediate and **long-lasting** volume, allowing the product to break down evenly with a **natural looking** finish.

# KEY BENEFITS

## SAFETY AND LOWERED SIDE EFFECTS

Through its **innovative multi-cross link technology**, LifDerma has **increased safety** and **lowered side effects**.

Pendant phenomenon in fillers that use BDDE as cross-linking agent



Complete cross-linking by using DVS. No pendant phenomenon

LifDerma's **MDM® technology** combined with **DVS** is used to **minimize** the **pendant phenomenon** and **residual cross-linking agent amount**.



Safety



Long Lasting



Easy to remove

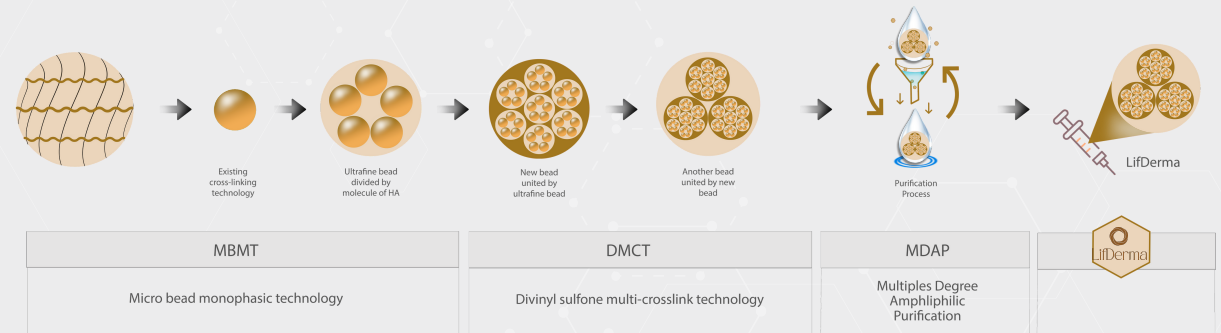


Volumizing

LifDerma is not just safe and long lasting but also has superior mouldability.

## SUSTAINABILITY AND EASY REMOVAL

LifDerma's **complete** multi cross-linking delivers enhanced **durability**. Its exceptionally **high purity HA** composition makes it **easy to remove**.



## STABILITY AND VOLUMIZING EFFECT

LifDerma's unique **Micro Bead Monophasic Manufacturing Process** results in a firmer structure that delivers excellent **volumizing effect**. The **high cohesion** ensures that on application, the filler maintains a **low percentage of migration**, staying longer in the desired treatment area.

## MATERIAL PROPERTIES

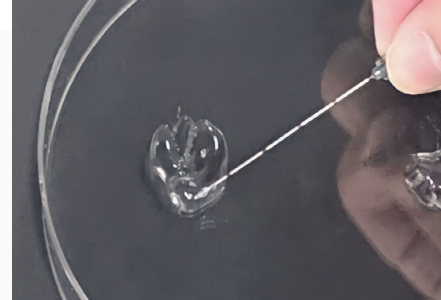
Quality, safety and exceptional results are our priorities. LifDerma has a pure **monophasic structure** in gel type delivering excellent cohesion and viscoelasticity while creating long-lasting results. Its **unique structure** enables stability, consistency and a **precise injection** protocol while promoting a strong support system within the skin structure, for durable, naturally harmonised volume.

LifDerma's structure is superior to other HA fillers in the market, offering advanced **durability** whilst maintaining viscoelasticity and cohesion. LifDerma is designed to create **natural-looking end results** from the **initial treatment** until the product is **fully absorbed** into the skin.

A world-class product with CE, MDSAP, ISO 9001 and ISO 13485 certifications.



### COHESION COMPARISON

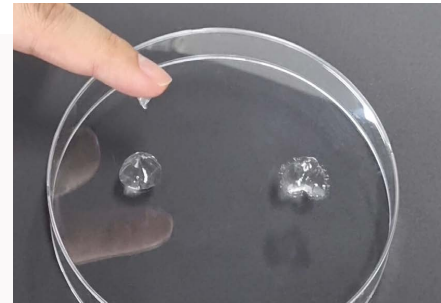


Competitor's Filler - Existing Manufacturing Technology



LifDerma Filler - Technology Innovation

### VISCOELASTICITY COMPARISON



Competitor's Filler - Existing Manufacturing Technology



LifDerma Filler - Technology Innovation

Fillers with **high viscoelasticity and cohesion** stick to the finger while others with weak viscoelasticity break away. LifDerma's excellent viscoelasticity and cohesion result in **less flow** and enhanced **mouldability**.



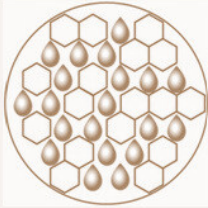
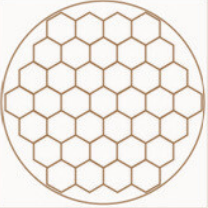
## MATERIAL PROPERTIES





LifDerma uses a monophasic structure with a dense, regular, and consistent pattern. Positives of the monophasic structure include:

- Solid filler: Low phase angle
- Durable Filler: High elastic modulus
- Safe and stable filler
- Precise injection filler

Cross-linking improves the **HA mechanical properties**.

However, BDDE does not fully cross-link HA to other HA molecules, resulting in the pendant effect. **DVS** combined with LifDerma's **MDM® technology** eliminates this issue by creating a **complete cross-linking**, resulting in its superior viscoelasticity and mouldability.

Content	Diagram (concept)	Properties	Product characteristic
Bi-Phasic		HA : Exist in 2 physical properties (Gel+ Liquid)	<ul style="list-style-type: none"> <li>• High gel fluidity</li> <li>• Low viscosity ; easy shooting</li> <li>• Can flow down and scatter</li> </ul>
Mono-Phasic		HA : 1 type of crosslinked physical property (Gel)	<ul style="list-style-type: none"> <li>• Excellent gel cohesion and viscoelasticity</li> <li>• Skill required for Shooting</li> <li>• Does not flow down nor scatter</li> </ul>

Content	BDDE	DVS
Chemical Name	1,4-Butanediol diglyceryl ether	Divinyl Sulfone
Structure		
Molecular Weight (Dalton)	202.25	118.15
Molecule length (ratio)	3 (If)	1 (then approx. 1/3)
The number of atoms forming a bridge between HA molecules	14 units (Possibility of surplus atoms ↑)	5 units
Manufacturing characteristics	Easy to process / loose crosslinking	Process Difficult / Dense Crosslinking
Crosslinking degree	Due to incomplete crosslinking Pendant phenomenon occurs	Complete crosslinking
Cross-Link		



Redefining Hyaluronic Acid Fillers with Advanced MDM Technology

## COMPETITOR COMPARISON

### PRODUCT PROPERTIES COMPARISON

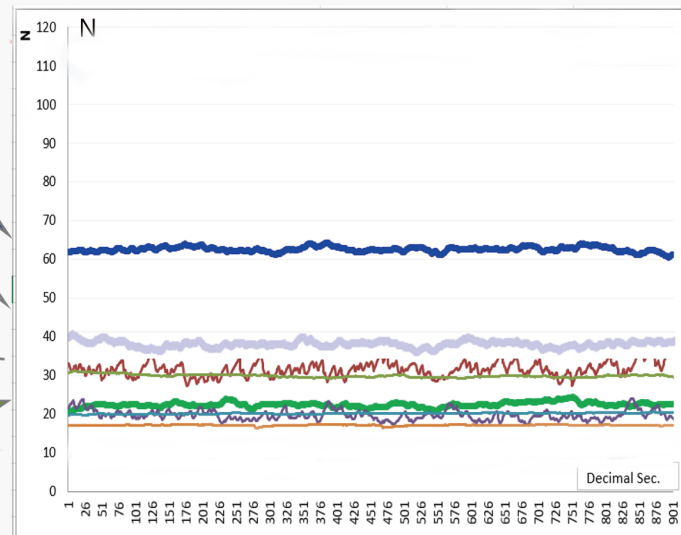
Category	Biphasic Filler	LifDerma
Manufacturing Method	Gel pulverization	Micro-Bead
Physical Properties	Bi-Phasic	Mono-Phasic
Viscoelasticity	1 ~ 35 N	1 ~ 60 N (adjustable)
Cohesiveness	Fluid	Gel Consistency
Modability	★★☆☆☆	★★★★★
Sustainability	6 months or less	Sustainable for 1 to 3 years

# COMPETITOR COMPARISON

## EXTRUSION FORCE TEST



- LifDerma Ultra Deep
- LifDerma Deep
- R-Filler
- LifDerma Fine



Content	Max	Min	Average
LifDerma Ultra Deep	64.4	60.5	62.6
LifDerma Deep	41.1	32.3	35.1
LifDerma Fine	24.4	20.6	22.4
R-Filler (G)	38.1	27.3	31.7
J-Filler (E)	31.2	29.2	29.9
Y-Filler (L)	20.6	19.8	20.2
E-Filler (H)	24.1	17.1	19.8
N-Filler (M)	17.5	16.4	17.1

\*Injection Force: 1ml syringe, 27 Gauge needle, 12mm/min injection force (N)

# THE LIFDERMA RANGE

## Introducing the LifDerma Range

At LifDerma, we understand that **every individual is unique**, and their aesthetic goals differ. That's why we offer a range of **three high-quality products** specially formulated to sculpt and enhance different facial and body areas. **Versatility** is at the core of our product range, accommodating the wide spectrum of the **latest aesthetic requirements**. Whether you desire a soft and flexible result or a firmer enhancement, LifDerma provides the **ideal solution** to meet your unique expectations.

### MEET OUR LIFDERMA PRODUCTS:



Fine

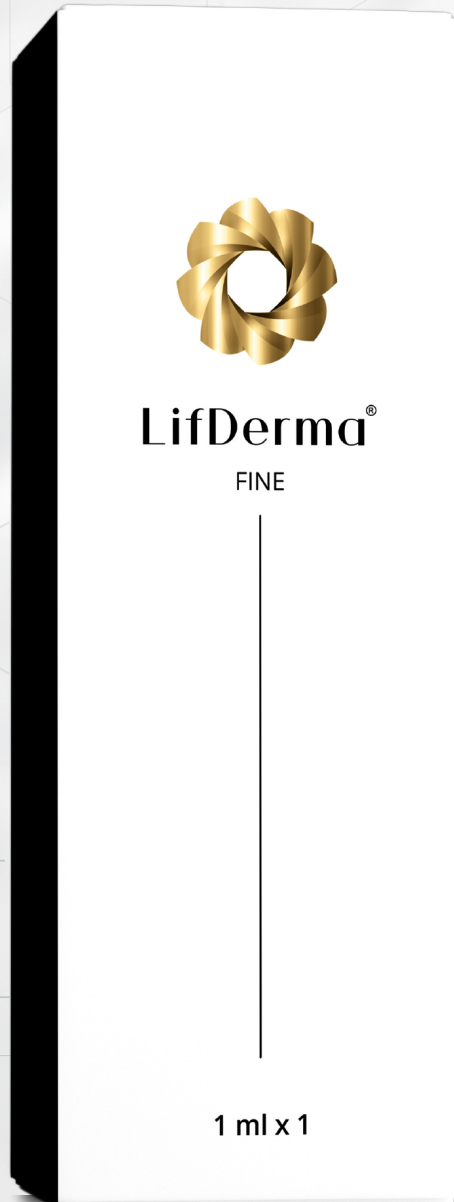


Deep



Ultra Deep





## LIFDERMA FINE

LifDerma Fine is the thinnest and most lightweight dermal filler in the LifDerma range. It is designed for treating more delicate areas in the superficial dermis. It lasts between 9 to 12 months.

### Treatment Areas:

- Glabellar Lines
- Forehead Lines
- Marionette Lines
- Crow's Feet
- Tear Troughs
- Perioral Wrinkles
- Neck Wrinkles
- Earlobe Augmentation
- Lip Augmentation
- Hand Rejuvenation

### Composition:

- Cross-linked Hyaluronic Acid
- Concentration 20mg/ml

### Key Features:

- Thin cross-linked dermal filler for subcutaneous implantation
- Lasts between 9-12 months
- Injection Force (viscosity) 20 ~ 25 N
- Biodegradable, non-animal based, crystal clear cross-linked dermal filler
- CE marked
- Lightweight and high viscoelasticity gel

### Box Contents:

- 1x 1ml syringe
- 2x sterile 30G needles
- Comprehensive instructions for use



## LIFDERMA DEEP

LifDerma Deep is a thicker and more durable dermal filler designed to treat the mid/deep dermis and subcutaneous tissue. It lasts between 12 to 18 months.

### Treatment Areas:

- Marionette Lines
- Glabella Lines
- Nasolabial Folds
- Temple Area
- Cheek Augmentation
- Chin Augmentation
- Jawline Augmentation
- Lip Augmentation
- Nose Augmentation
- Hand Rejuvenation

### Composition:

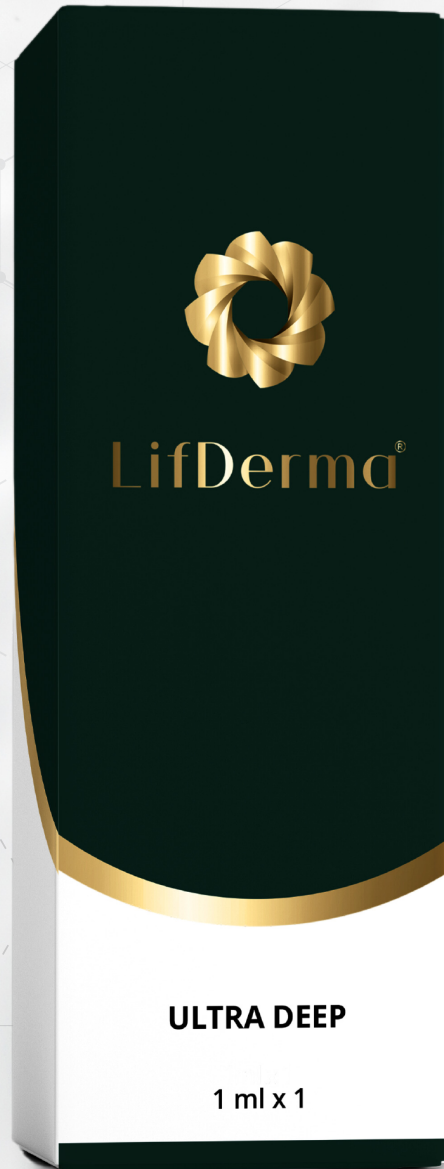
- Cross-linked Hyaluronic Acid
- Concentration 20mg/ml

### Key Features:

- Thick cross-linked dermal filler for subcutaneous implantation
- Lasts between 12-18 months
- Injection Force (viscosity) 40 ~ 45 N
- Biodegradable, non-animal-tested, crystal clear cross-linked dermal filler
- CE marked
- High viscoelasticity gel

### Box Contents:

- 1x 1ml syringe
- 2x sterile 27G needles
- Comprehensive instructions for use



## LIFDERMA ULTRA DEEP

LifDerma Ultra Deep is the thickest dermal filler within the LifDerma range. It is recommended for use in the deep subcutaneous tissue. It lasts 12 to 18 months.

### Treatment Areas:

- Cheek Augmentation
- Chin Augmentation
- Nose Augmentation
- Jawline Augmentation
- Temporal Area
- Nasolabial Folds

### Key Features:

- Very thick cross-linked dermal filler for subcutaneous implantation
- Lasts between 12-18 months
- Injection Force (viscosity) 55 ~ 60 N
- Biodegradable, non-animal-based, crystal clear cross-linked dermal filler
- CE marked
- High viscoelasticity gel

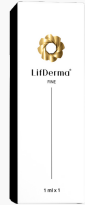
### Composition:

- Cross-linked Hyaluronic Acid
- Concentration 20mg / ml

### Box Contents:

- 1x 1ml syringe
- 2x sterile 25G needles
- Comprehensive instructions for use

# PRODUCT RANGE



## LIFDERMA FINE

### PRODUCT DETAIL

Grade	●●●●●
Visco-elasticity	●●●○○
Moldability	●●●○○
Cohesiveness	●●●○○

### PRODUCT SPECIFICATION

**Contents:** Cross-linked HA  
**Volume:** 1ml / syringe  
**HA Concentration:** 20mg / ml  
**Injection Force (Viscosity):** 20~25 N  
**Recommended Area:** Superficial Dermis  
**Needle:** 30G 13 mm



## LIFDERMA DEEP

### PRODUCT DETAIL

Grade	●●●●●
Visco-elasticity	●●●●○
Moldability	●●●●○
Cohesiveness	●●●●○

### PRODUCT SPECIFICATION

**Contents:** Cross-linked HA  
**Volume:** 1ml / syringe  
**HA Concentration:** 20mg / ml  
**Injection Force (Viscosity):** 40~45 N  
**Recommended Area:** Mid/Deep Dermis  
**Needle:** 27G 13 mm



## LIFDERMA ULTRA DEEP

### PRODUCT DETAIL

Grade	●●●●●
Visco-elasticity	●●●●●
Moldability	●●●●●
Cohesiveness	●●●●●

### PRODUCT SPECIFICATION

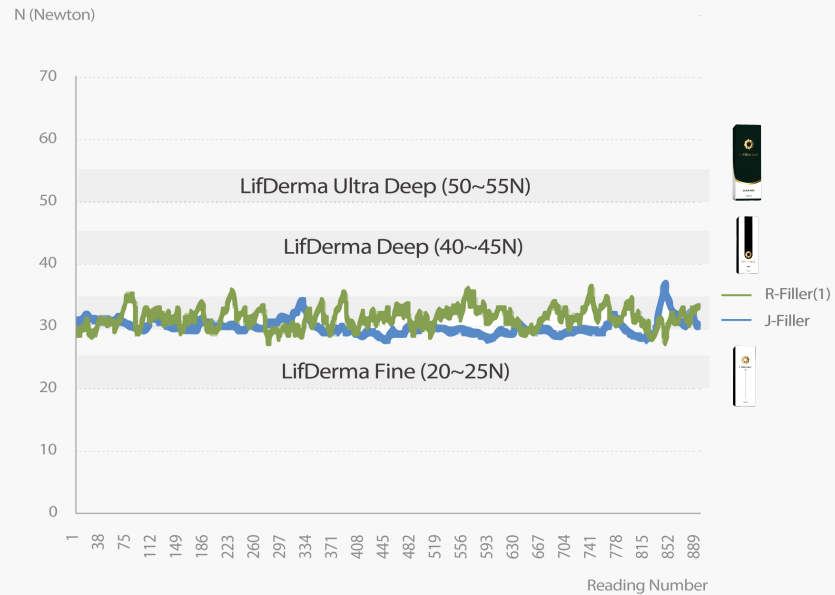
**Contents:** Cross-linked HA  
**Volume:** 1ml / syringe  
**HA Concentration:** 20mg / ml  
**Injection Force (Visco-elasticity):** 50~60 N  
**Recommended Area:** Deep Dermis  
**Needle:** 25G 13 mm



## PRODUCT RANGE VISCOELASTICITY TABLE

LifDerma is a product with **excellent viscoelasticity**. It has less flow and lesser side effects lasting a longer period of time.

### Viscoelasticity Degree and Rating by Product



\*Injection Force: 1ml Syringe, 27 gauge 13mm NW needle, and the magnitude of the force at the time of eruption of 12mm per minute (N)



# PRODUCT RANGE

## COMPARISON TABLE

	HA Concentration	Volume	Needle	Quality	Viscosity	Molding	Area used
 <p>LifDerma <b>Fine</b></p>	20mg/ml	1ml X 1 Syringe	30G 13mm UTW Needle	★★★ ★★★★	★★★ ★★☆☆	★★★ ★★☆☆	Mid Dermis Fine Wrinkle
 <p>LifDerma <b>Deep</b></p>	20mg/ml	1ml X 1 Syringe	27G 13mm UTW Needle	★★★ ★★★★	★★★ ★★☆☆	★★★ ★★☆☆	Mid Deep Dermis
 <p>LifDerma <b>Ultra Deep</b></p>	20mg/ml	1ml X 1 Syringe	25G 13mm UTW Needle	★★★ ★★★★	★★★ ★★★★	★★★ ★★★★	Deep Dermis



## TREATMENT AREAS

The LifDerma Range can be used to treat **various areas** across the face and body to **enhance the facial profile** and **treated body areas** for a natural looking end result.



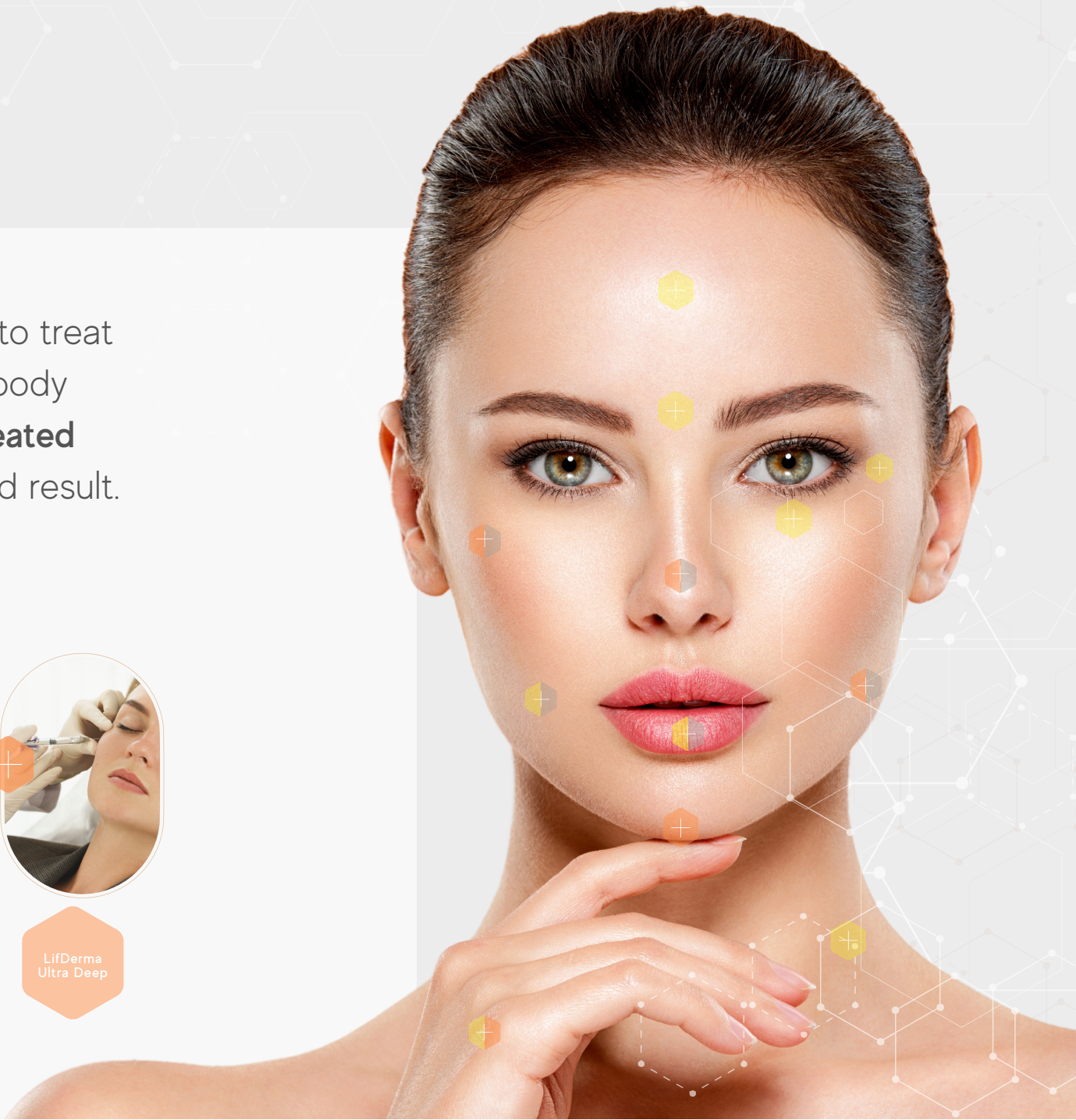
LifDerma  
Fine



LifDerma  
Deep



LifDerma  
Ultra Deep



	 Fine	 Deep	 Ultra Deep
<b>Composition</b>	HA 20mg/ml	HA 20mg/ml	HA 20mg/ml
<b>Treatment Areas</b>	Glabellar Lines   Forehead Lines Marionette Lines   Crow's Feet Tear Troughs   Perioral Wrinkles Neck Wrinkles   Earlobe Augmentation Lip Augmentation   Hand Rejuvenation	Marionette Lines   Glabella Lines Cheek Augmentation   Chin Augmentation Jawline Augmentation   Lip Augmentation Nose Augmentation   Hand Rejuvenation Nasolabial Folds   Temple Area	Cheek Augmentation Chin Augmentation Nose Augmentation Jawline Augmentation Nasolabial Folds Temple Area
<b>Injection Protocol</b>	Superficial Dermis	Mid/Deep Dermis, Subcutaneous	Deep Subcutaneous
<b>Volume</b>	1 ml	1 ml	1 ml
<b>Complex Viscosity (cp,0.02Hz)</b>	175,6	255,1	329,7
<b>Needle Size</b>	30G	27G	25G
<b>Duration</b>	9 - 12 Months	12 - 18 Months	12 - 18 Months
<b>Storage Temperature</b>	1 - 25°C	1 - 25°C	1 - 25°C
<b>Shelf Life</b>	24 Months	24 Months	24 Months

TRADEMARK		CONTENT			MATERIAL PROPERTIES			
Product Name	Classification	Volume (1 Syringe/Box)	Syringe	Needle	HA Content	Elastic Modulus G' (Pa, 1Hz)	Phase Angle ( $\varphi^\circ$ , 1Hz)	Extrusion Force
LIFDERMA	FINE	1 ml	BPLN-30	30G - 13mm	20mg / ml	62,6	29	25N
	DEEP	1 ml	BPLN-27	27G - 13mm	20mg / ml	79,6	23	35N
	ULTRA DEEP	1 ml	BPLN-60	25G - 13mm	20mg / ml	102,3	20	60N

## BEFORE AND AFTER

LifDerma results, spanning across a range of treatment areas, speak for themselves. Sculpted contoured and plumped skin for a better life.

Tag us in your Before & After  
[@lifderma](https://www.instagram.com/lifderma)

LIP ENHANCEMENT



FACIAL HARMONISATION



LIP, CHIN, JAWLINE AUGMENTATION.



CHIN AND JAWLINE DEFINITION



FACIAL HARMONISATION



TEAR THROUGH





LifDerma

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