

Lotion and Treatment Pumps

Lotion and Treatment Pump Product Range

RANGE OVERVIEW

At APU Packaging, we develop lotion and treatment pumps for controlled, repeatable dispensing across skincare, hair care, body care and bulk refill formats. From 0.25 cc treatment doses to 30 cc bulk dispensing, our range brings together output options, neck finishes, actuator styles and secure closure systems to match the product, pack and user experience. Selected series use an external spring design that keeps the formula separate from the metal spring, making them particularly suited to oil based and sensitive formulations.

Product selection: Confirm formula compatibility, viscosity, dosage, tube length and pack fitment with our team before commercial production.

AVAILABLE FORMATS

SERIES	OUTPUT	APPLICATION FOCUS
0.25 / 0.5 cc External Spring Pump	0.25 / 0.5 cc	Serums, facial oils, essences and light emulsions
0.8 / 1.0 cc External Spring Pump	0.8 / 1.0 cc	Lotions, emulsions, treatment creams and body oils
4.0 cc External Spring Lotion Pump	4.0 cc	Body care, hair care and shower products
30 cc Lotion Pump	30 cc	Gallon packs, refill containers and professional use
2.0 cc Lotion Pump	2.0 cc	Everyday personal care packs
4.0 / 5.0 cc Lotion Pump	4.0 / 5.0 cc	Larger packs and thicker personal care formulas

0.25 / 0.5 cc External Spring Pump Emulsion and Oil Pump · 27 Variants

OVERVIEW

Our 0.25 / 0.5 cc external spring pump is designed for precise dispensing of serums, facial oils and light emulsions. It delivers a controlled micro dose with every press, while the external spring remains outside the liquid path to keep the formula separate from the metal spring. Choose a clip on dust cover or a left and right twist lock across six common neck finishes.

WHY THIS SERIES

Precise micro dosing: Choose 0.25 or 0.5 cc output for concentrated treatments, facial oils and lower use volume applications.

Formula separation: The external spring sits outside the liquid path, keeping the formula separate from the metal spring.

Closure choices: Select a clip on dust cover for protected handling or a left and right twist lock for controlled opening and closing.

Six neck finishes: Available in 18/400, 18/410, 20/400, 20/410, 24/400 and 24/410 formats.

SPECIFICATIONS

PARAMETER	VALUE
Output per stroke	0.25 cc $\pm$ 0.05 / 0.5 cc $\pm$ 0.1
Neck finishes	18/400, 18/410, 20/400, 20/410, 24/400, 24/410
Closure options	Clip on dust cover or left and right twist lock
Spring and liquid path	External spring. Formula remains separate from the metal spring.
Actuator styles	A, B, C, D, E, H, J, M, P, Q and R
Colour options	Stock and custom

RECOMMENDED APPLICATIONS

Facial serums · facial oils · body oils · essences · light emulsions · eye care and targeted treatment products

0.8 / 1.0 cc External Spring Pump Emulsion and Oil Pump · 9 Variants

OVERVIEW

Our 0.8 / 1.0 cc external spring pump delivers a measured dose for facial lotions, emulsions, treatment creams and body oils. The external spring keeps the formula separate from the metal spring, while the 24/410 finish supports a familiar, compact pack format. Available with a buckle closure or a left and right twist lock, it is designed for controlled dispensing and secure handling through transit.

WHY THIS SERIES

Balanced output: Choose 0.8 or 1.0 cc output for lotions, emulsions and treatment products that require measured dispensing.

Formula separation: The external spring sits outside the liquid path, keeping the formula separate from the metal spring.

Secure closure choices: Choose a buckle closure or a left and right twist lock to help keep the head protected during handling and transit.

24/410 format: Designed for a common treatment and lotion bottle finish.

SPECIFICATIONS

PARAMETER	VALUE
Output per stroke	0.8 cc $\pm$ 0.1 / 1.0 cc $\pm$ 0.1
Neck finish	24/410
Closure options	Buckle closure or left and right twist lock
Spring and liquid path	External spring. Formula remains separate from the metal spring.
Actuator styles	Smooth and frosted options
Colour options	Stock and custom

RECOMMENDED APPLICATIONS

Facial lotions · emulsions · treatment creams · body oils

4.0 cc External Spring Lotion Pump Spiral Lock · 12 Variants

OVERVIEW

Our 4.0 cc external spring lotion pump pairs a higher output with a spiral lock format for body care, hair care and shower products. Its external spring remains outside the liquid path to keep the formula separate from the metal spring. Available in 28/410 and 33/410 finishes, it gives larger packs a generous dose and a secure closed position for storage and transit.

WHY THIS SERIES

Generous 4.0 cc output: Delivers a fuller dose for body lotions, conditioners, rich creams and shower products.

Formula separation: The external spring sits outside the liquid path, keeping the formula separate from the metal spring.

Spiral lock closure: Twist down to move the actuator into a closed position that helps reduce accidental actuation during transit.

Two neck finishes: Available in 28/410 and 33/410 formats for larger body care and hair care packs.

SPECIFICATIONS

PARAMETER	VALUE
Output per stroke	4.0 cc ± 0.4
Neck finishes	28/410, 33/410
Closure type	Spiral lock
Spring and liquid path	External spring. Formula remains separate from the metal spring.
Actuator styles	OQ, BA, BD, CB, DA, HB, PA, PD, HC and XA. Smooth and frosted options.
Colour options	Stock and custom

RECOMMENDED APPLICATIONS

Body lotion · conditioner · rich creams · shower products

30 cc Lotion Pump

Gallon and Bulk Dispenser · 54/400

OVERVIEW

Our 30 cc lotion pump is designed for high volume dispensing from gallon packs, refill containers and institutional formats. The heavy duty internal spring supports a generous 30 cc output per stroke, reducing the number of presses required to dispense larger amounts. Its 54/400 neck finish and long dispensing spout are suited to salon, refill and professional environments.

WHY THIS SERIES

- High volume output:** Delivers 30 cc per stroke for bulk and large format packs.
- Fewer presses:** Helps dispense larger amounts with fewer actuations, supporting efficient use in professional and refill settings.
- 54/400 bulk format:** Designed for gallon and jumbo bottles with a wide neck finish.
- Long dispensing spout:** Provides reach and control when dispensing from larger containers.

SPECIFICATIONS

PARAMETER	VALUE
Output per stroke	30 cc ± 3.0
Neck finish	54/400
Spring assembly	Heavy duty internal spring
Actuator style	Long dispensing spout
Colour options	Stock and custom

RECOMMENDED APPLICATIONS

Gallon and bulk packs · salon and refill bottles · institutional hand wash and body wash

2.0 cc Lotion Pump

Classic Spiral Lock · 37 Variants

OVERVIEW

Our 2.0 cc lotion pump is a versatile format for everyday personal care packs. It delivers a controlled 2.0 cc dose and offers a broad selection of actuator styles, colours and neck finishes across 24/410, 24/415, 28/400, 28/410 and 28/415. The spiral lock closure provides a secure closed position for handling, storage and transit.

WHY THIS SERIES

Controlled 2.0 cc output: A measured dose for body lotion, shampoo, conditioner, shower gel and hand wash.

37 actuator options: Choose from a broad selection of actuator styles and stock or custom colour options.

Five neck finishes: Available in 24/410, 24/415, 28/400, 28/410 and 28/415 formats.

Spiral lock closure: Twist down to move the actuator into a closed position that helps reduce accidental actuation during transit.

SPECIFICATIONS

PARAMETER	VALUE
Output per stroke	2.0 cc ± 0.2
Neck finishes	24/410, 24/415, 28/400, 28/410, 28/415
Closure type	Spiral lock
Spring assembly	External spring, SUS 304 spring and glass ball
Actuator styles	37 variants. Smooth and frosted options with a wide colour range.
Colour options	Stock and custom

RECOMMENDED APPLICATIONS

Body lotion · shampoo and conditioner · shower gel · hand wash · general personal care

4.0 / 5.0 cc Lotion Pump Classic Spiral Lock · 63 Variants

OVERVIEW

Our 4.0 / 5.0 cc lotion pump is designed for fuller doses across larger personal care packs. It delivers a higher output for thicker lotions, conditioners, shower gels and shampoos, with 63 actuator options and neck coverage from 28/410 to 38/410. The spiral lock head provides a secure closed position during handling, storage and transit.

WHY THIS SERIES

Higher output options: Choose 4.0 or 5.0 cc output for thicker lotions, conditioners, shower gels, shampoos and creamier products.

63 actuator options: Select from a broad range of actuator styles and stock or custom colour options.

Eight neck finishes: Available in 28/410, 30/410, 30/415, 33/400, 33/410, 33/415, 38/400 and 38/410 formats.

Spiral lock closure: Twist down to move the actuator into a closed position that helps reduce accidental actuation during transit.

SPECIFICATIONS

PARAMETER	VALUE
Output per stroke	4.0 cc $\pm$ 0.04 / 5.0 cc $\pm$ 0.05
Neck finishes	28/410, 30/410, 30/415, 33/400, 33/410, 33/415, 38/400, 38/410
Closure type	Spiral lock
Spring assembly	External spring, SUS 304 spring and glass ball
Actuator styles	63 variants. Smooth and frosted options with a wide colour range.
Colour options	Stock and custom

RECOMMENDED APPLICATIONS

Body lotion and body butter · conditioner · shower gel · shampoo · thicker creams