

TIRRIT[®]



余姚市特力喷雾器有限公司

YUYAO TIRRIT CO.,LTD

Address: CE14-15 Far East Industry Park, Yuyao, Zhejiang, China

Postcode:315400

Tel: 86-574-62726692 62707404 62726694

Fax:86-574-62760899

E-mail: jjyuan@tirrit.net

Http://www.tirrit.net

特力喷雾

YUYAO TIRRIT CO.,LTD

Dispensing Solutions



COMPANY PROFILE 公司简介

余姚市特力喷雾器有限公司，专注于喷雾器及各类塑料制品研发与生产，产品主要包括手扣式喷雾头，手压式喷雾头，乳液泵，泡沫泵，真空泵，塑料盖及其他包装类。产品广泛应用于个人护理，化妆品，生活家居，汽车清洁及食品等。并且90%的产品直接远销欧洲，美洲，亚洲等国家和地区。本公司已率先通过了ISO9001及ISO14001国际质量及环境管理认证，和SA8000认证。拥有专业的产品研发部门，持续开发了很多新产品与新技术以满足不同客户的需求。我们的研发精神：“只要您说，其余的我们来做”。目前本公司正与世界顶级品牌合作。本公司生存力量雄厚，拥有全自动装配生产线和系列测试设备。我们相信高品质的产品，具有竞争力的价格及科学的管理可以为客户开拓更广阔的市场。



Yuyao Tirrit Co., Ltd. an ISO9001 & ISO14001 & SA8000 certified manufacturer of mechanical dispensing devices and spray pumps. Serves the market of personal care products, cosmetics and fragrance, household and automotive pharmaceutical and food. With a wide product range, and a number of fully automatic assembly machines and testing devices. TIRRIT is well positioned to meet different market needs of trigger sprayers, fingersprayers, lotion pumps, foam pumps, airless pumps and other packaging components. Having our own product development center, we have gained constant energy to develop new products, explore new technology for marketplace and customer requests. Customers from Asia, USA, EU realize it is as simple as what they say to develop something special for them. TIRRIT is bringing more and more customer projects from global top brand clients. Located in eastern China, TIRRIT not only brings out the best products, but also offers the most competitive prices. The most efficient management and the best labors assure our customers their good position in marketing, and the best solution for their projects. TIRRIT is devoted to help you to succeed. Come to discuss with our exporters, you are always welcome!

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|  | MIST SPRAYER P03-05 0.15CC/0.5CC |
|  | 1 INCH CRIMP MIST SPRAYER P06 0.18CC/0.6CC |
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|  | POWDER PUMP P12-P13 |
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MINI TRIGGER

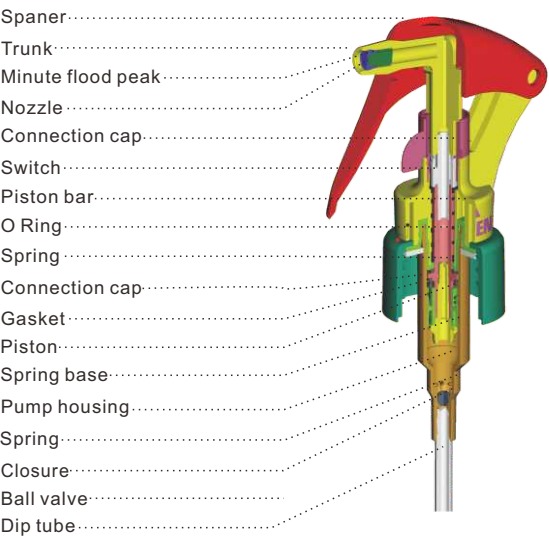
ST1201 SERIES

Mini Trigger (0.18CC/0.25CC/0.5CC)

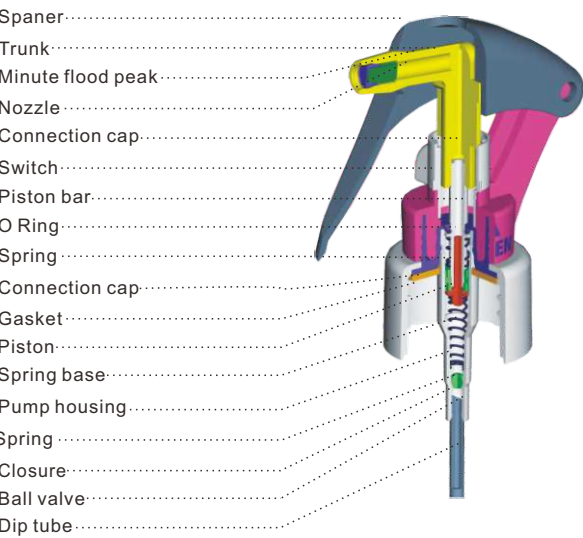
This mini trigger with dosage 0.18cc/0.25cc/0.5cc per stroke delivers exceptional spray performance for lighter home and garden applications and personal care as well. An integrated lock between head and closure ensure that product is safe during shipping and storage.



OUTPUT
0.5CC



OUTPUT
0.18CC



OUTPUT
0.18CC



ST1201



ST1208

OUTPUT
0.25CC



ST1204



ST1205

OUTPUT
0.4CC-0.5CC



ST1203



ST1206



ST1207

CLOSURE



24/410 RIBBED



24/410 SMOOTH



24/415 SMOOTH



24/415 RIBBED

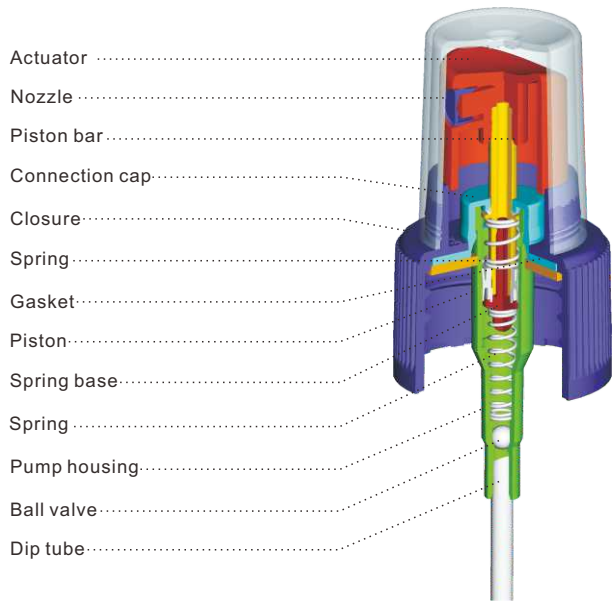


28/410 RIBBED



28/410 SMOOTH

ST3002 MIST SPRAYER



Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

CLOSURE



OTHER



ST3210 0.5CC MIST SPRAYER

(No Metal Contact)



24/410

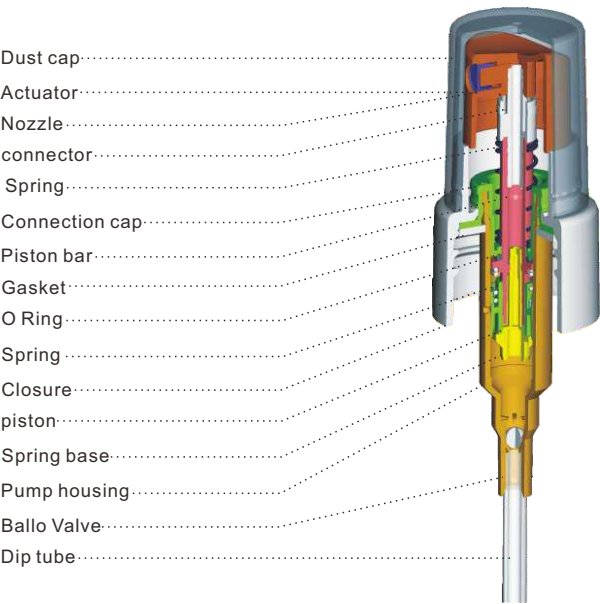


28/410

OTHER



METAL COLLAR FOR OPTION



Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

1 INCH CRIMP MIST SPRAYER

ST3035 SERIES

OUTPUT
0.18CC



ST3035

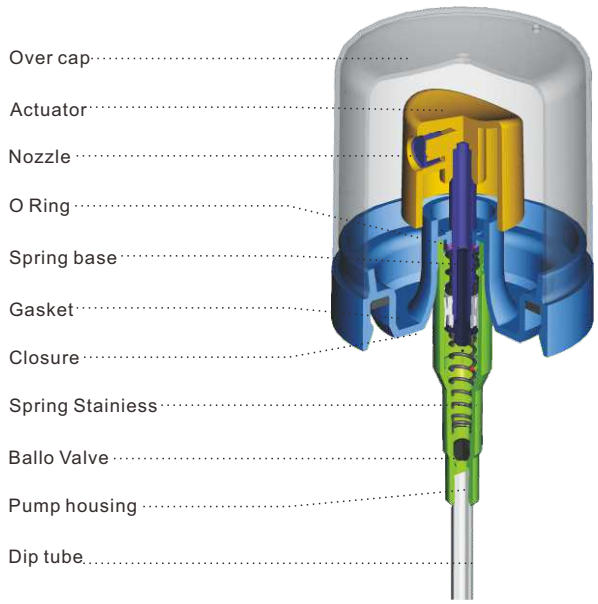


ST3036

OUTPUT
0.6CC



ST3037 NO METAL CONTACT

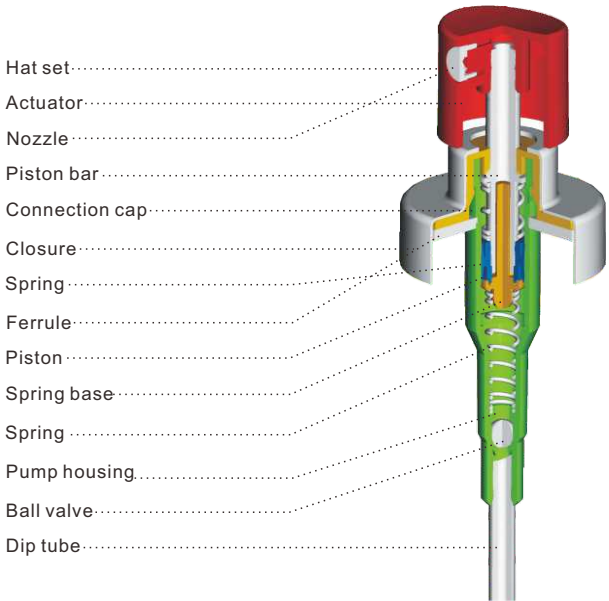


PERFUME SPRAYER

ST3010 (0.15CC/0.18CC)

Our crimp mist sprayer is available in range of FEA15,18,20mm closure dimensions, normal and low profile and 0.15cc/0.18cc output for options.

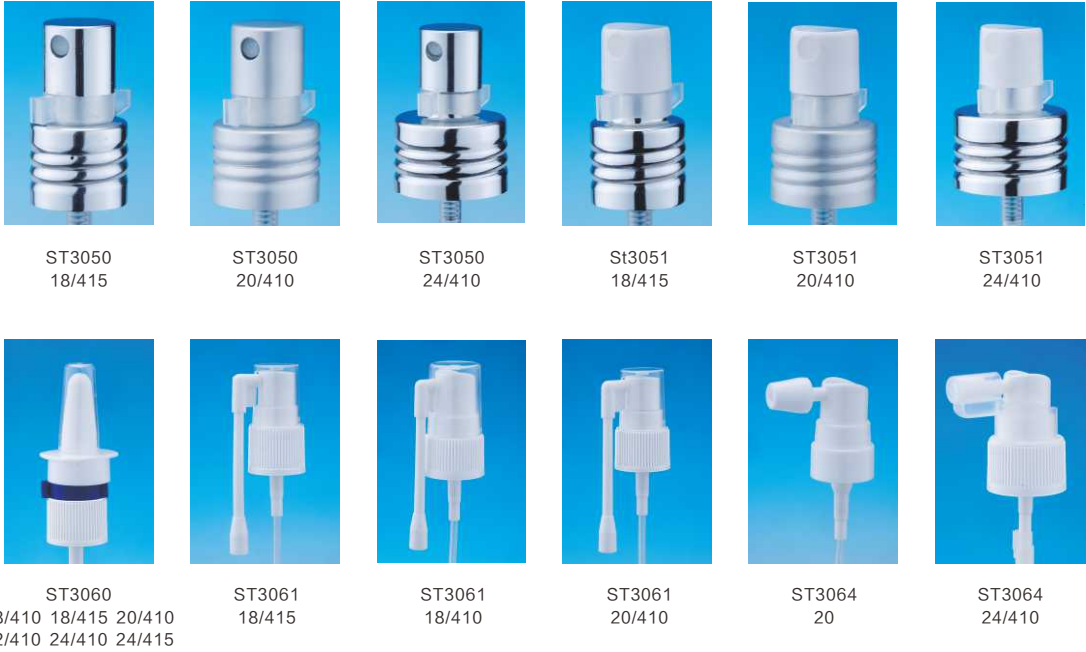
To avoid carelessly depression of the actuator, we offer plastic safety clip of options.



OUTPUT
0.15CC



OUTPUT
0.18CC

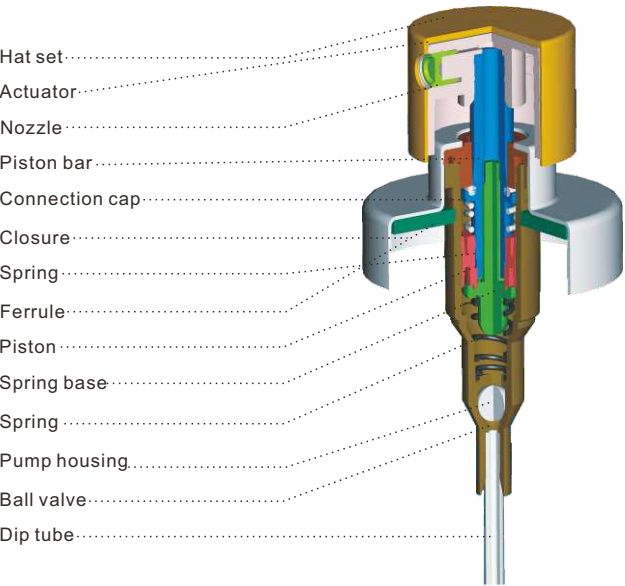


PERFUME SPRAYER

ST3020/ST307 0.07CC LOW PROFILE

Our crimp mist sprayer is available in range of FEA13,15,18,20mm closure dimensions, normal and low profile and 0.07cc output for options.

To avoid carelessly depression of the actuator, we offer plastic safety clip of options.



Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

CRIMP



ST3020
13



ST3020
15



St3020
18



ST3020
20



ST3021
13



ST3021
15



ST3021
18



ST3021
20



ST3020
CRIMPIESS
AVAILABLE SIZE:15/20



ST3020
FEA15
PLASTIC CRIMP



ST3020
EU4(SCREW)
AVAILABLE 20/400(SCREW)

ST 307

LOW PROFILE PERFUME SPRAYER 0.07CC

CPIMP

13



15



18



20

SCREW

EU4



18/400



18/410



20/400



20/410

**CRIMPLESS
(NO GASKET)**

P13FEA



P15FEA



P18FEA



P20FEA

OPTION

PIASTIC ACTUATOR



METAL ACTUATOR



CAP1



CAP2

POWDER PUMP**FOR CRIMP BOTTLE NECK**

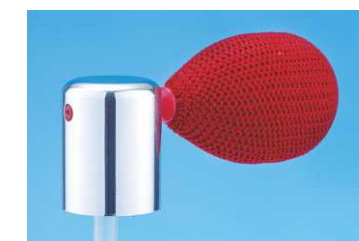
Diameter 13mm & 20mm

Output 0.006g

Aluminium closure

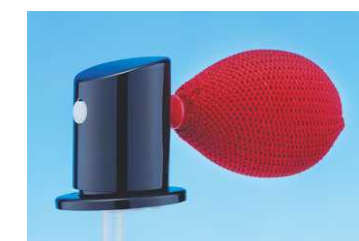


ST6002 13MM CRIMP PUMP



ST6006

20MM CRIMP PUMP



ST6007 13MM CRIMP PUMP



ST6009 15MM CRIMP PUMP

PERFUME PUMP

FOR SCREW BOTTLE NECK

Closure 18/410

Output 0.03ml

Aluminium closure

Long hose and tassel for option



ST6004C 18/410



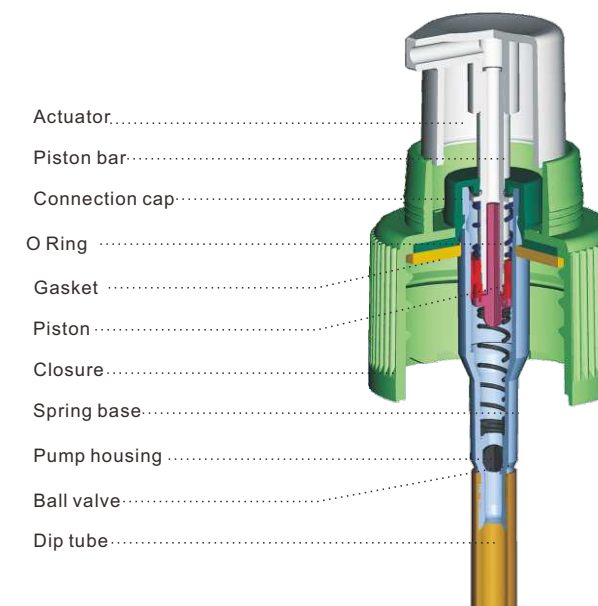
ST6004A 18/410



ST6004B 18/410

COSMETIC DISPENSER

0.18CC



Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

0.18CC COSMETIC DISPENSER



ST4050 20/410



ST4051 20/410

ST4056



20/410 RIBBED



20/410 SMOOTH



20/415 RIBBED



24/410 SMOOTH



24/410 RIBBED



22/415 RIBBED



24/415 RIBBED

ST40562



20/410 SMOOTH



20/410 RIBBED



20/415 RIBBED



22/415 RIBBED



24/410 SMOOTH



24/410 RIBBED



24/415 RIBBED



METAL COLLAR FOR OPTION



ST40563



24/410



METAL COLLAR FOR OPTION

COSMETIC DISPENSER

0.25CC 0.5CC NO METAL CONTACT

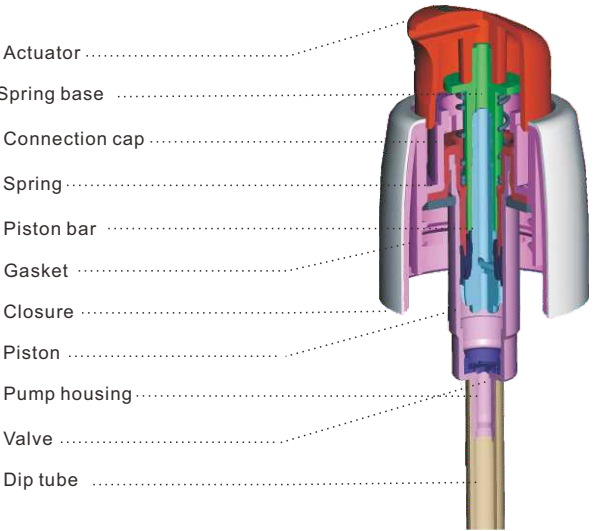


- 1.Replaces the ball bottom valve
- 2.Airless or atmospheric
- 3.Very efficient for viscous and thick and sticky formulations

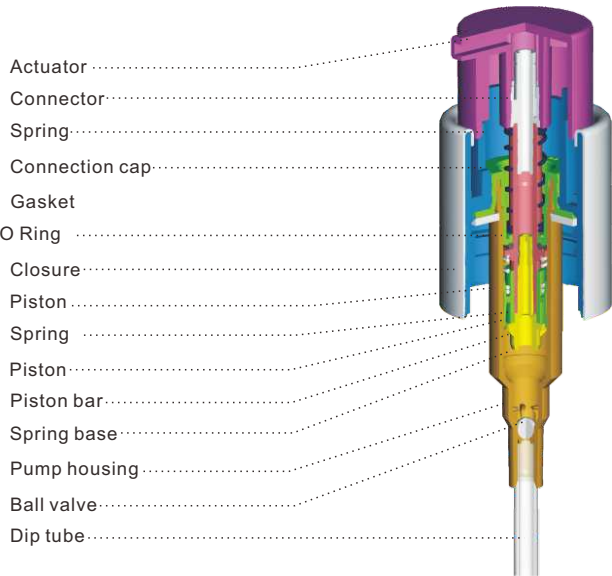
Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

Output
0.25cc



Output
0.5cc



ST40564



20/410 SMOOTH



20/410 RIBBED



20/415 RIBBED



22/415 RIBBED



24/410 SMOOTH



24/410 RIBBED



24/415 RIBBED



ST4058 20/410



ST4059 20/410



ST4060 20/410



ST4062 18/410 20/410



ST40572 20/410

0.25CC COSMETIC DISPENSER

ACTUATOR



ST415A

OTHERS



OVERCAP

CLOSURE FOR OPTION



18/400

ACTUATOR



ST415B

OTHERS



OVERCAP

CLOSURE FOR OPTION



20/410



22/410GA2

ACTUATOR



ST415D



ST415H



ST415I



ST415K

CLOSURE FOR OPTION



18/400



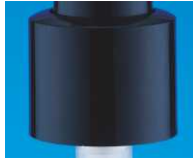
18/400 METAL COLLAR



20/410



20/410 METAL COLLAR



18/400



18/400 METAL COLLAR



18/415



18/415 METAL COLLAR



20/410



20/410 METAL COLLAR

ACTUATOR



ST415L



ST415M

CLOSURE
FOR OPTION



18/400



18/400 METAL COLLAR



20/410 SMOOTH



20/410 RIBBED



20/410 METAL COLLAR



24/410 RIBBED



24/410 METAL COLLAR

OTHERS



OVERCAP ONLY
AVAILABLE FOR 18/400



OVERCAP

0.5CC COSMETIC DISPENSER NO METAL CONTACT

ACTUATOR



ST416D



ST416H



ST416I



ST416L



ST416M

CLOSURE
FOR OPTION



24/410-1



24/410-2



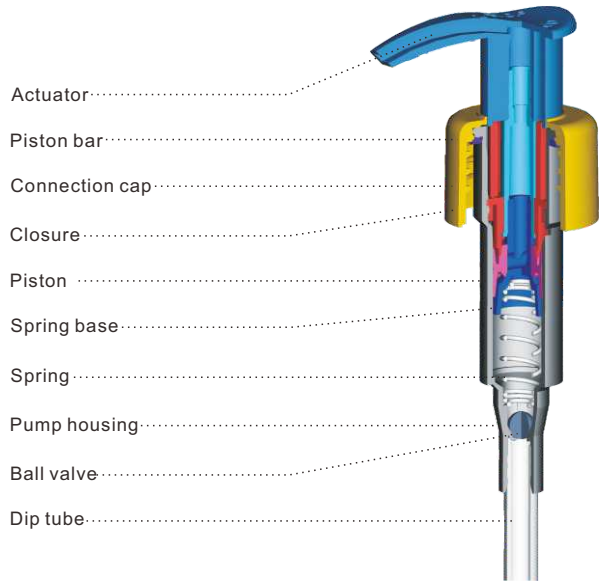
24/410-3



24/410-4

LOTION PUMP

LEFT-RIGHT LOCK 1.5CC



Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

ACTUATOR



ST4012 ST40122 ST40123 ST40124 ST40125

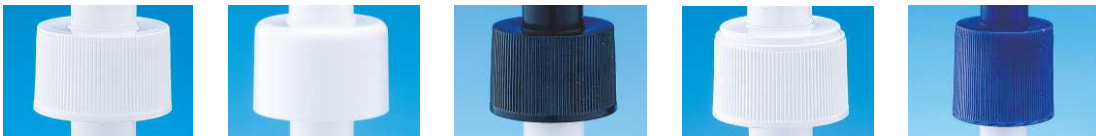


ST40126 ST40127 ST40128 ST40129

CLOSURE



24/410 RIBBED 24/410 SMOOTH 24/415 RIBBED 24/415 SMOOTH 28/400



28/410 RIBBED 28/410 SMOOTH 28/410H 28/410H-2 28/415

OTHERS



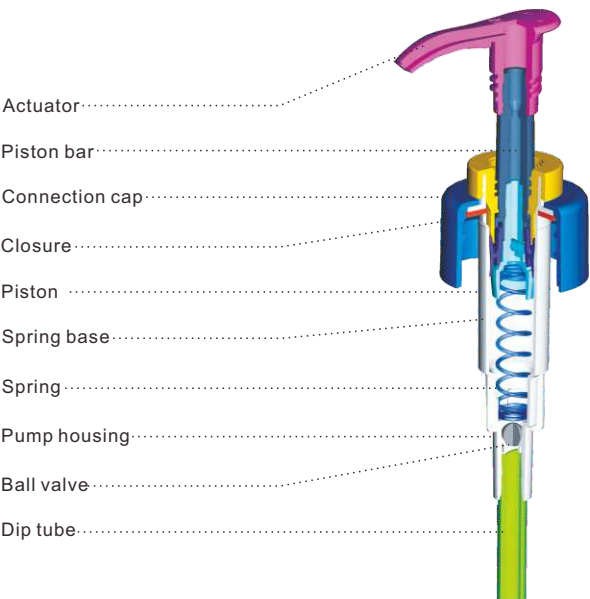
Lock A Lock B



METAL COLLAR FOR OPTIONS

LOTION PUMP

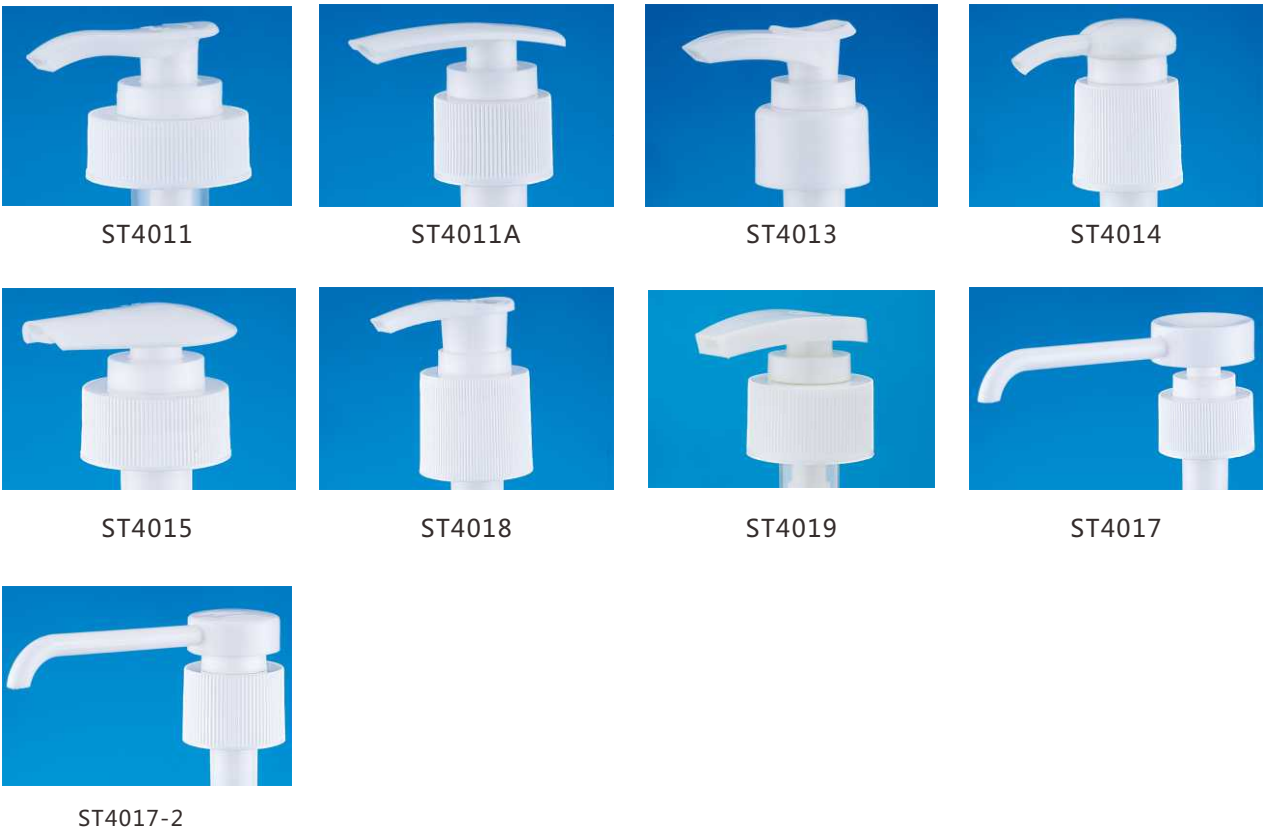
SCREW DOWN LOCK 2.0CC



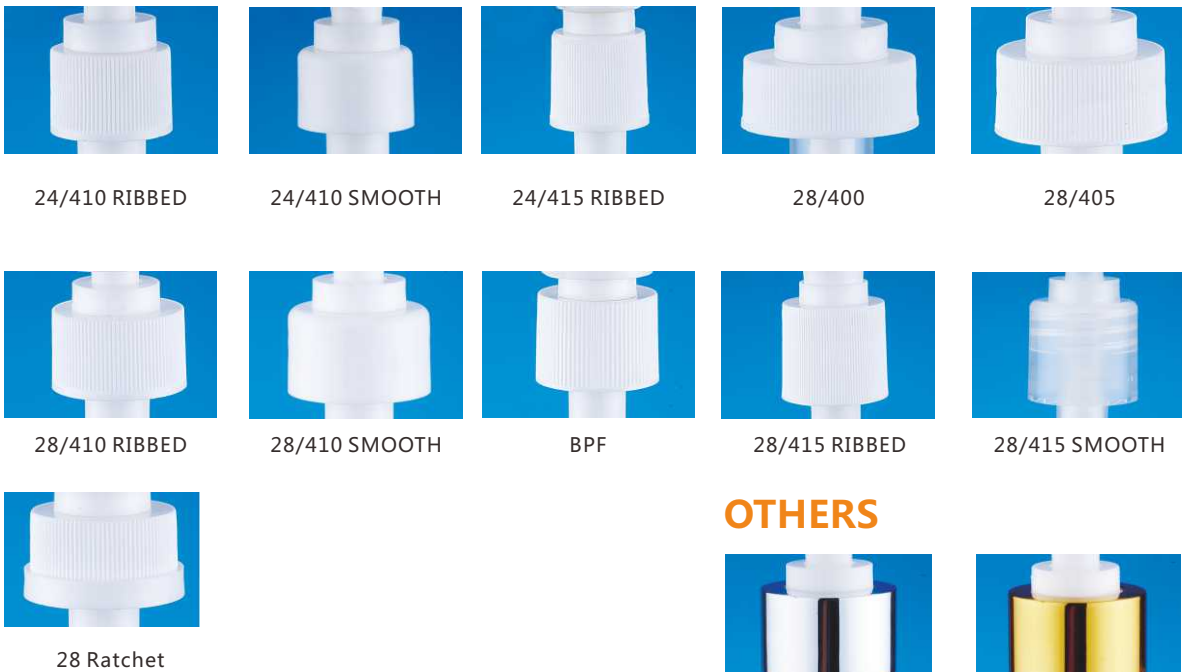
Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

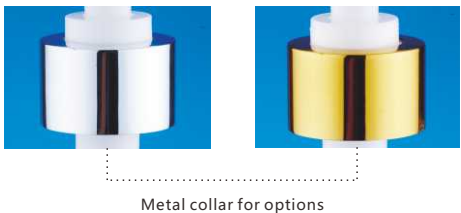
ACTUATOR



CLOSURE

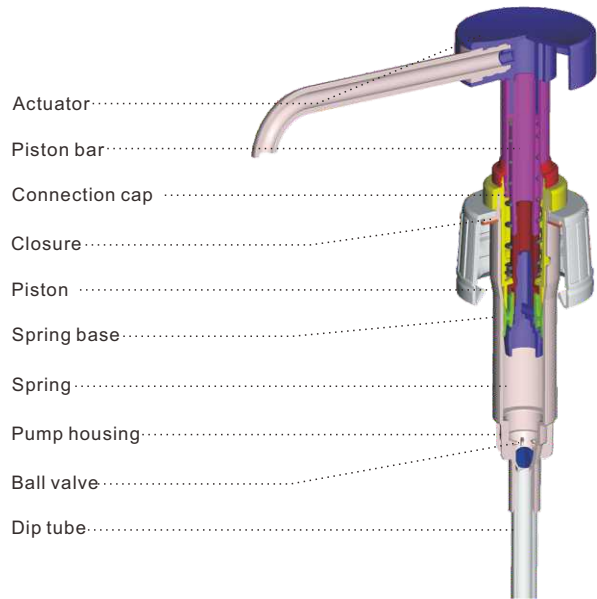


OTHERS



NO METAL CONTACT PUMP

SCREW DOWN LOCK
(2.0CC-3.0CC)



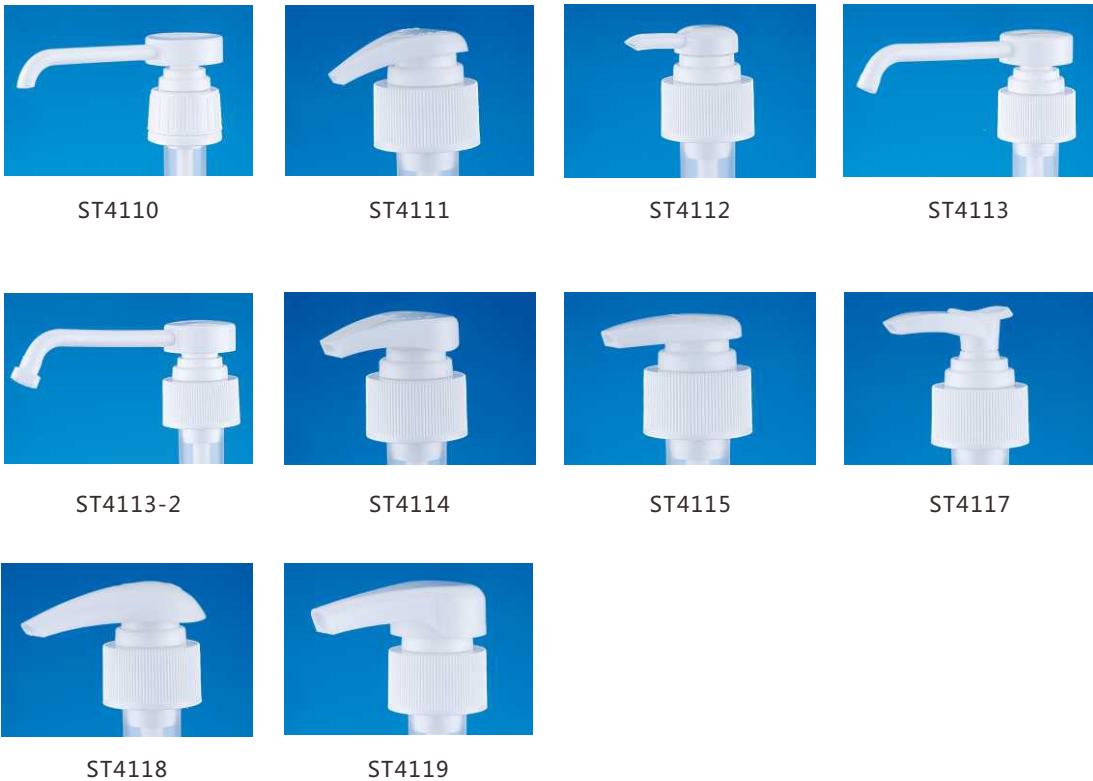
Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

ACTUATOR
2.0CC



ACTUATOR
3.0CC



CLOSURE



24/410 RIBBED



24/410 SMOOTH



24/415 RIBBED



28/400



28/405



28/410 RIBBED



28/410 SMOOTH



BPF



28/415 RIBBED



28/415 SMOOTH



28 RATCHET



28 TAMPER EVIDENT

OTHERS



METAL COLLAR FOR OPTIONS

NO METAL CONTACT PUMP

LEFT-RIGHT LOCK 2.0CC

ACTUATOR
2.0CC



ST4120



ST4122



ST4124



ST4125

CLOSURE



24/410 Ribbed



24/410 Smooth



24/415 Ribbed



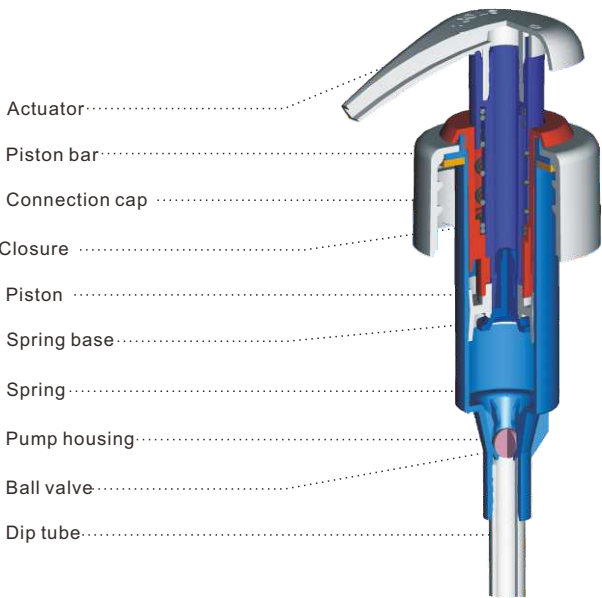
28/410 Ribbed



28/410 Smooth



28/415 Ribbed



Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

LOTION PUMP

ST4030

Big dosage 2.3-2.5CC
Actuator direction oriented

ACTUATOR 2.3-2.5CC

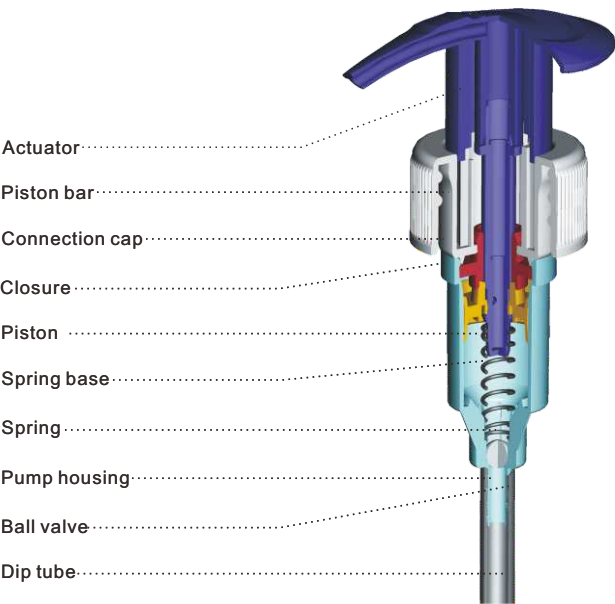


ST4030

CLOSURE



28/410 RIBEED



LOTION PUMP

ST4020

Big dosage 3.0-3.5CC
ST4020 lotion pump is for big dosage application like shampoo, conditioners and body washes.

ACTUATOR 3.0-3.5CC



ST4020

CLOSURE



28/410



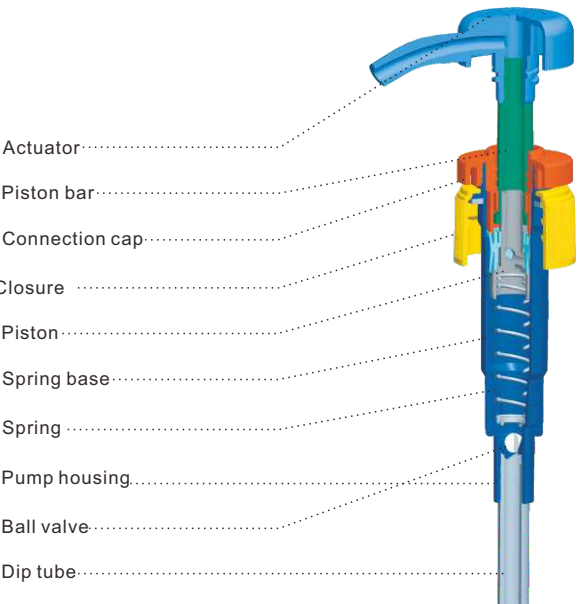
33/410



38/400



38/410



OTHER



OVERCAP

NO METAL CONTACT PUMP

SCREW DOWN LOCK (5CC / 10CC)



OUTPUT
5CC



ST4130



ST4131



ST4132



ST4133



ST4134



ST4135
WITH ANTI-DRIPPING VALVE

CLOSURE



28/400



28/410



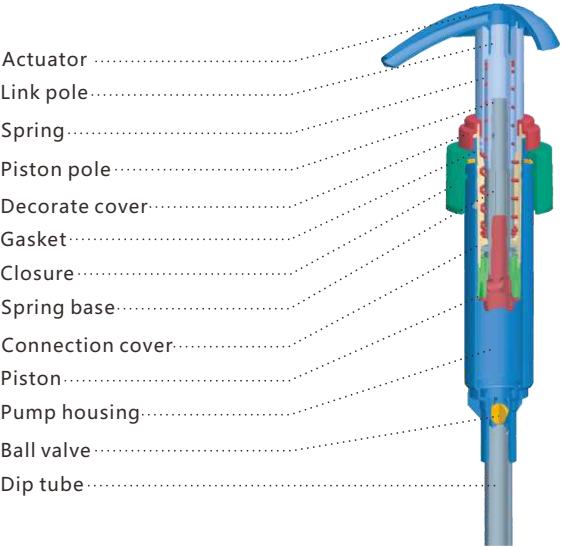
33/400



38/400 RATCHET



40/400 RATCHET



OUTPUT
10CC



ST4140



ST4141



ST4142



ST4143



ST4144



ST4145
WITH ANTI-DRIPPING VALVE

CLOSURE



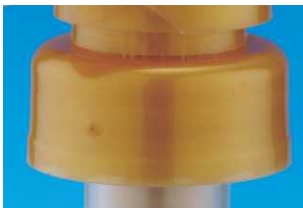
28/400



28/410



31/410



33/400



38/400



38/410



38/400 RATCHET



40/400 RATCHET

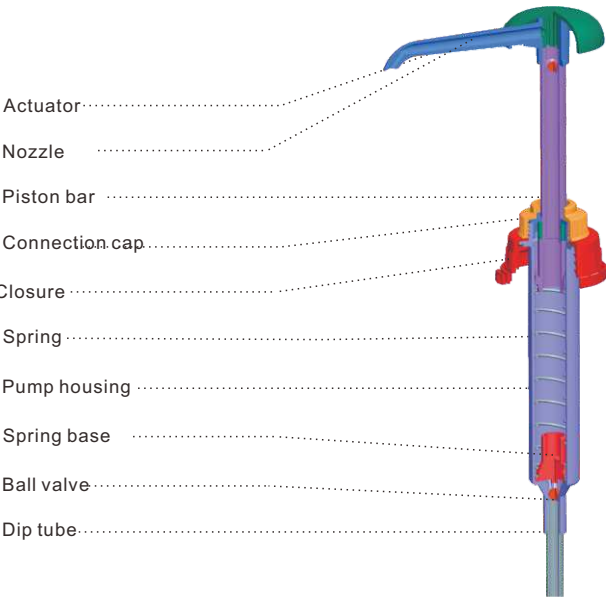
GALLON PUMP

ST4040 (10CC 15CC 20CC 25CC 30CC)

Screw down lock head configuration prevents “ pop-up” during shipment.

ST4040 series with dosage 10ml/15ml/20ml/25ml/30ml and deliver consistent, reliable performance across a full range of applications.

This series pump are designed to work with various high-output formulations, including liquid soaps, lotions, shampoos and conditioners and sauce dispensing.



ACTUATOR



ST4040



ST4041



ST4042 WITH ANTI-DRIPPING VALVE

CLOSURE



38/400



38/410



43/400



45/400

OUTPUT



10ml



15ml



20ml



25ml



30ml

OTHERS



PRINTING FOR OPTIONS

TRIGGER SPRAYER

ST105 SERIES 0.8CC

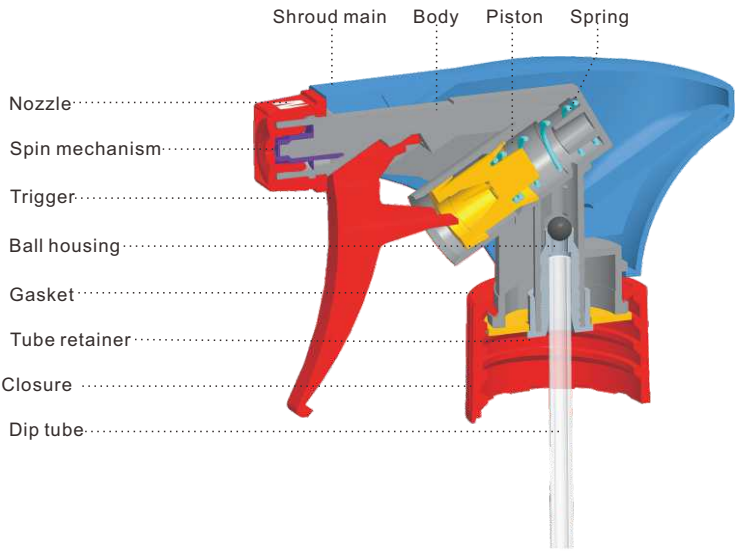
Different mechanical instruction can prevent diptube move up and down while trigger priming. This design could help customer to use liquid completely.

Its stable reliability and also available for a variety of applications with household, automotive, garden, industrial and personal care products.

Customize spray-steam-foam nozzle configuration, as well as many kinds of shrouds and closures.

Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.



SHROUD



ST1050



ST1051



ST1052



ST1053



ST1054



ST1055



ST1056

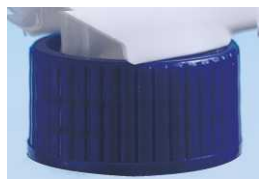


ST1059

CLOSURE



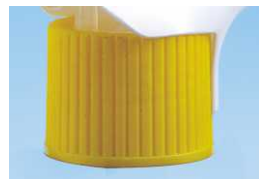
28/DIN



28/400



28/410



28/415

CLOSURE



SPRAY STREAM



SPRAY ONLY

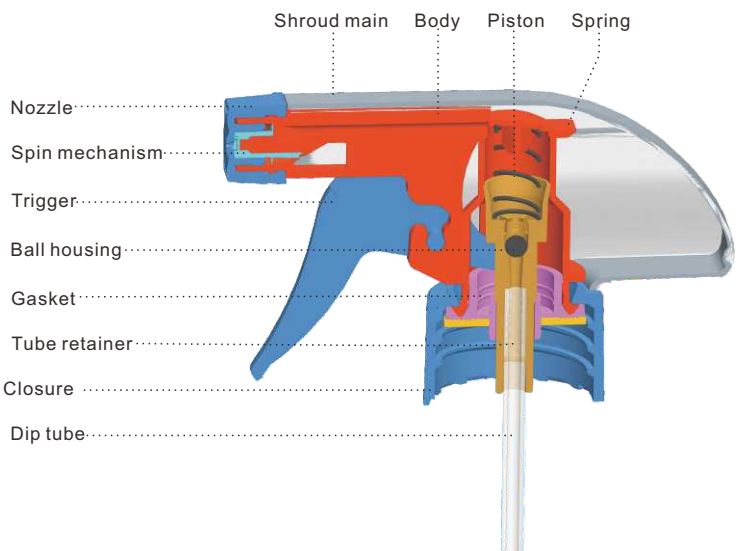


SPRAY FOAM



MESH FOAMER

ST106 SERIES 0.9CC



COMPATIBILITY

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

TRIGGER SPRAYER

ST107 SERIES 1.3CC

They are perfect for a wide range of applications including lawn,garden and laundry.
In addition to the standard configuration, the ST1072 ST1074 Remote with weighted tube end, which can be more convenient for using.
Big dosage 1.3CC per stroke

Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

SHROUD



SHROUD



CLOSURE



NOZZLE
OPTIONS



OTHERS



ST1074



ST1072

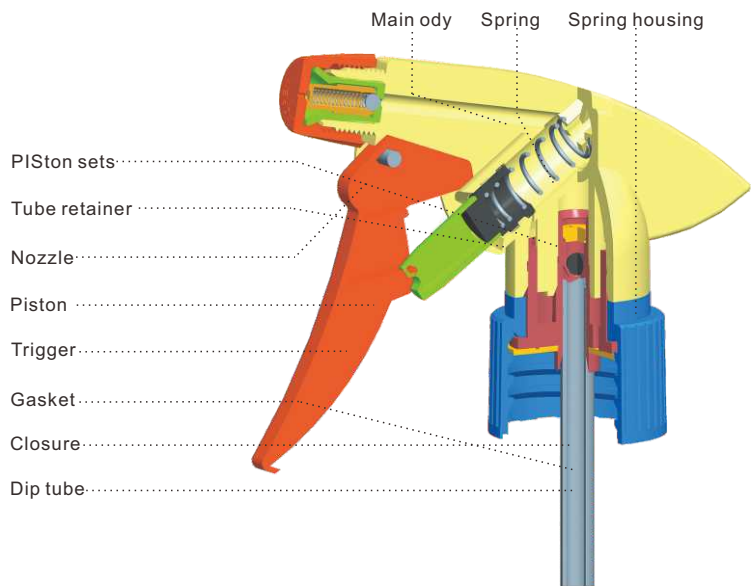
CLOSURE



TRIGGER SPRAYER

ST1010 SERIES (0.9CC / 1.1CC)

They are perfect for a wide range of applications including lawn,garden and laundry.
With an adjustable nozzle, these trigger can offer spray and stream function. In addition to the standard configuration, the ST1031 can be fit with brass nozzle for long term using.



Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.

SHROUD



ST1010 1.1CC



ST1030 0.9CC



ST1031 1.1CC



ST1040 0.9CC

CLOSURE



28/400



28/400

NOZZLE



ADJUSTABLE NOZZLE



BRASS NOZZLE



FOAM NOZZLE

TRIGGER SPRAYER

TR3000 SERIES (1.2CC / 1.4CC)

This is new design in our company. The wide smooth-pull trigger combines a compact stroke with big output performance.

They are perfect for a wide range of applications including lawn, garden and laundry.

The various large nozzles provide spray/stream, spray only, spray/foam, spray brush and child resistant for added safety.

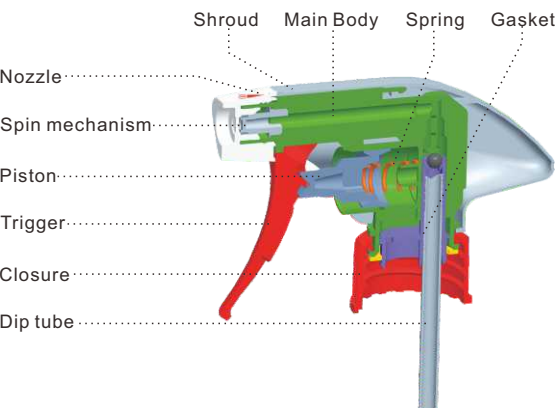
Combined with different shroud bring you modern look that greater performance on a wider range.

In addition to the standard configuration, the TR3100 Remote, which can be sprayed for long distance, is also available for a variety of applications.

New Electric Trigger Sprayer is designed now with rechargeable, constant spray and adjustable spray pattern these advantages is more and more popular in the application including garden and automotive area. Every set have one 28/400 Conversion Cover, provided 28/400 bottle to match.

Compatibility

Compatibility testing is recommended if there are questions or concerns. TIRRIT offers complete laboratory testing assistance and provides recommendations to assist customers with their final packaging decision.



SHROUD 1.4CC



BRUSH TRIGGER



TR3000



TR3001



TR3002



TR3003 CHILD RESISTANT



TR3100

SHROUD 1.2CC



TR341 ALL PLASTIC



TR342 28 SNAP ON



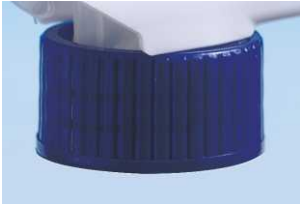
TR343

ELECTRIC TRIGGER SPRAYER



28/400/33/410

CLOSURE



28/400



28/410



28 RATCHET A

NOZZLE
OPTIONS



SPRAY ONLY-1



SPRAY STREAM



SPRAY ONLY-2



MESH FOAM-1



MESH FOAM-2



MESH FOAM-3

OTHERS



TRIGGER A

FOAM PUMP

ST5001 SERIES
(0.35CC/ 0.75CC)

The unique air-and-liquid mixing system used.
Foamer gently dispenses your product into the
rich foam consumers expect.
For a better life, an easier environment.
Many kinds of head and closure for options.



MODEL
0.35CC



ST5001 28/410



ST5002 30/400



ST5003 30/400

MODEL
0.75CC



ST5010 40/400



ST5012 40/400



ST5013 40/400



ST5014 40/400



ST5015 40/400



ST5016 40/400



ST5011 43/400

DROPPER

For a better life, an easier environment.
Many kinds of tube length and closure for options.

CLOSURE



18/415-1



18/415-2



18/415-3



18/415-4



18/400



20/400



20/410



QT-4005-18/400 PLASTIC TUBE

OPTIONS



METAL COLLAR



POINTED HEAD



ROUND HEAD



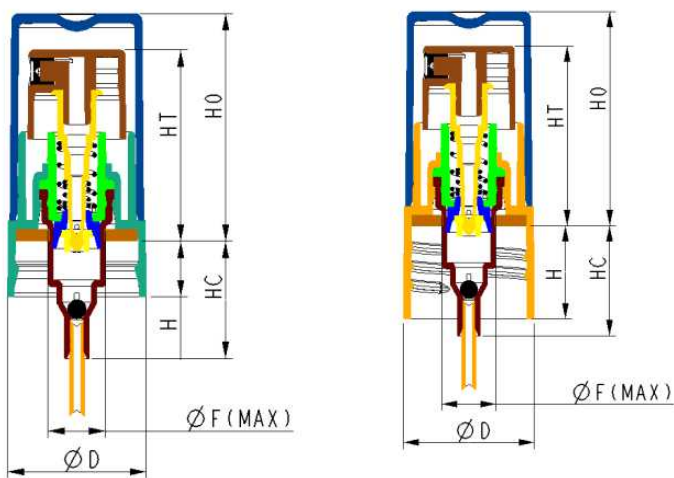
SMOOTH BUBBLE



MATT BUBBLE

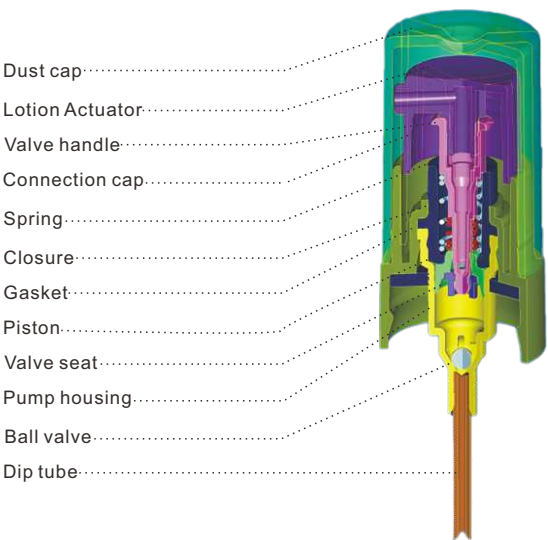
XXS-MINI PACK

For a better life, an easier environment. Glass vial and plastic vial available for options. Many kinds of volume and color for options.

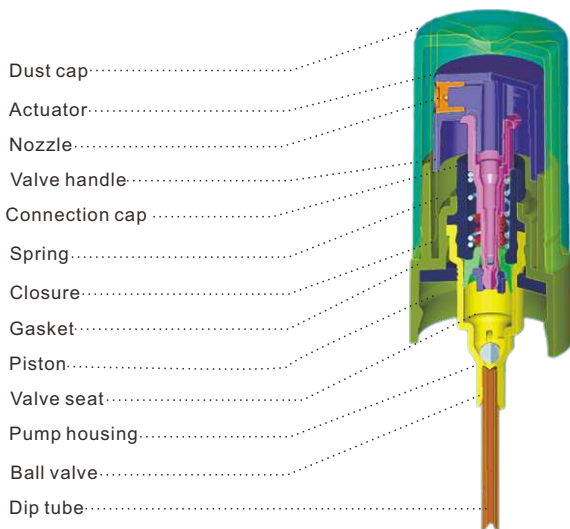


SNAP ON

SCREW



LOTION ACTUATOR



SPRAY ACTUATOR

OPTION



SPRAYER ACTUATOR LOTION ACTUATOR POUCH SPOUT



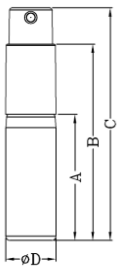
SNAP ON SCREW

All F= 6.1mm

| | DIAMETER | DOSAGES | DIMENSIONS | | | | HT VALUE | | OPTION | |
|-------|----------|---------|------------|------|------|------|-----------------|-----------------|-------------|--|
| | | | D | H | HC | HO | Sprayer Ctuator | Lotion Actuator | Pouch Spout | |
| CRIMP | 11 | 0.06CC | 12 | 5.05 | 12.2 | | 19.9 | 19.9 | | |
| | 13 | 0.06CC | 14.7 | 5.8 | 12.2 | 23.7 | 19.9 | 19.9 | | |
| SCREW | M11 | 0.06CC | 12 | 4.6 | 16.6 | | 15.5 | 15.5 | ★ | |
| | 13/415 | 0.06CC | 14.7 | 10.3 | 12.2 | 23.7 | 19.9 | 19.9 | | |



2ML 3ML 5ML

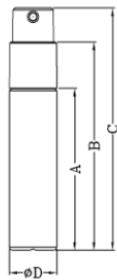


SNAP ON

Bottle Materials: Glass

XXS-1

| CAPACITY | A | B | C | D |
|----------|------|----|------|----|
| 2ML | 29.5 | 46 | 54.5 | 12 |
| 3ML | 38.5 | 55 | 63.5 | 12 |
| 5ML | 54.5 | 71 | 79.5 | 12 |



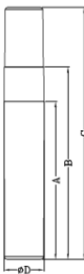
XXS-2

2ML 3ML 5ML

SCREW

Bottle Materials: HDPE、PP

| CAPACITY | A | B | C | D |
|----------|------|----|------|----|
| 2ML | 31.4 | 43 | 51.5 | 12 |
| 3ML | 40.4 | 52 | 60.5 | 12 |
| 5ML | 56.4 | 68 | 76.5 | 12 |



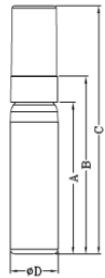
XXS-4

2ML 3ML 5ML

SCREW

Bottle Materials: PP

| CAPACITY | A | B | C | D |
|----------|-----|-------|-----|----|
| 5ML | 57 | 69.5 | 90 | 15 |
| 8ML | 93 | 105.5 | 126 | 15 |
| 10ML | 115 | 127.5 | 148 | 15 |



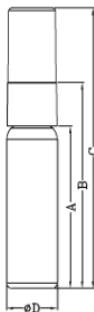
XXS-3

5ML 8ML 10ML

SNAP ON

Bottle Materials: Glass

| CAPACITY | A | B | C | D |
|----------|------|------|-------|----|
| 5ML | 46.4 | 54.4 | 75.9 | 15 |
| 8ML | 67.4 | 75.4 | 96.9 | 15 |
| 10ML | 82.4 | 90.4 | 111.9 | 15 |



XXS-5

5ML 8ML 10ML

SCREW

Bottle Materials: Glass

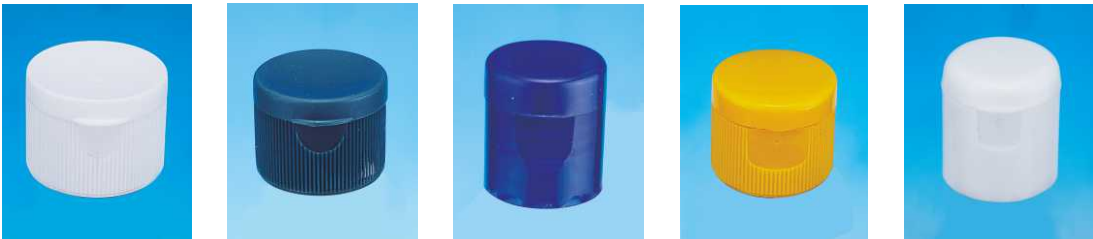
| CAPACITY | A | B | C | D |
|----------|------|------|-------|----|
| 5ML | 46.7 | 59.2 | 80.7 | 15 |
| 8ML | 67.7 | 80.2 | 101.7 | 15 |
| 10ML | 82.7 | 95.2 | 116.7 | 15 |

CAP

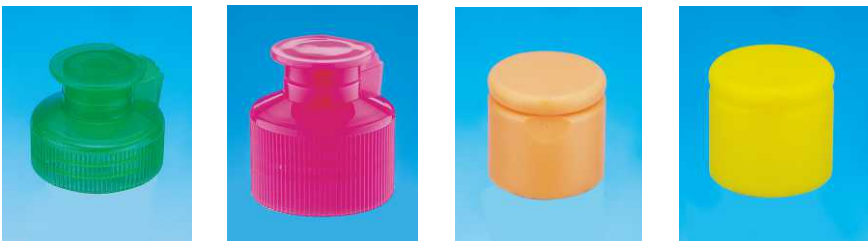
FLIP TOP



CP1001 24/415 CP1001 28/415 CP1004 18/410 CP1004 24/410 CP1004 28/415



CP1004 28/410 CP1003 24/410 CP1006 15/415 CP1006 24/410 CP1006 24/415



CP1007 28/400 CP1007 28/410 CP1002 24/410 CP1002 28/410

DISC TOP



CP1020 20/410 CP1020 24/415 CP1020 24/410 CP1020 24/415 CP1020 28/410



METAL COLLAR FOR OPTIONS

PUSH PULL



CP1033 24/410 CP1033 24/410 4HOLES CP1033 28/410 CP1033 28/410(4 HOLES) CP1038 20/410

CT



CP1041 20/410 CP1043 28/410 CP1043 24/410 WITH GASKET CP1043 24/410 CP1066 28/410



CP1070 M28 CP1070 M28 CP1055 16MM CP10552 22MM CP1058 22MM



CP1054 24/415 CP1065 24/415

CR (CHILD RESISTANT CAP)



CP1061 28/400 CP1061 28/410 GL28

TWIST



CP1038 20/410