



3 SWANS PRODUCT CATALOGUE

Our comprehensive range of items (including those in this catalogue) can be viewed on our website

www.3swans.co.nz

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www.3swans.co.nz

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13 Sycamore Place, Pukete 3200

Hamilton

Intelligent dispensing solutions with advice you can trust

TAPS



8mm Quick Serve (QST) standard 3/4" adaptor. Flow rate 72ml/sec (water viscosity). Outlet rotates to orient in correct position.

255830



12mm QST standard, 3/4" adaptor or with long thread and back nut. Flow rate 155ml/sec (water viscosity). Outlet rotates to orient in correct position. (Mar2010: both versions now unavailable from supplier for quantities of less than 10k)
257803 3/4", 257809 Back nut



(long thread version can take back-nut)

18mm Jumbo QST standard, 3/4" adaptor, fixed hexagonal body. Can be used with nozzle to reduce outlet to 12mm. Flow rate 296ml/sec (water viscosity).

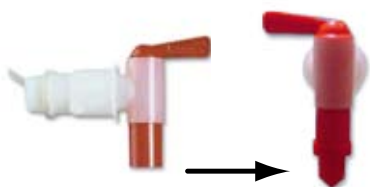
250655

250666



Flo-Rite 3/4" tap. HDPE body, LDPE outlet. 3/4" tapered thread, no gasket

252050



Aeroflow (AFT), Breather taps with 18mm outlet and standard 3/4" adaptor, natural rubber washer. Use in larger rigid, single-opening containers up to 200lt. Outlet rotates to orient in correct position. Flow rate 70ml/sec (water viscosity). Nozzle reduces outlet to 12mm.

Tap- 251804

Nozzle - 204676



Drum Tap with 3/4" adaptor; HDPE for acids & alkali with nitrile rubber washer. Flow rate 203ml/sec (water viscosity).

350087



Drum Tap with 3/4" adaptor, alloy body with nylon seal, for solvents. Spring loaded on/off for positive flow & shut-off.

350100

KEY

NPS = National pipe thread
HDPE = high density polyethylene.
LDPE = low density polyethylene
IBC = intermediate bulk container.
BSP = British standard pipe-thread.

TAPS



Drum Major Tap, 2" BSP. Available with cutter for use with IBCs. Screw thread action. HDPE/LDPE material. Suitable for viscous liquids e.g. adhesive, resins & industrial & cleaning chemicals.

352000



Drum Major Straight-thru Tap, 2" BSP. Available with cutter for use with IBCs. Can be used as a stop-cock with piping systems. Screw thread action.

352001



2" Cutter for Drum Major taps, for use with flexi-liner IBCs.

800572



Flo-King 2" (tapered) NPS thread, HDPE with EPDM gasket. Flow rate 70L/min (water viscosity).

352050



Water Butt Tap (WBT) short outlet, long thread, 3/4" BSP. Lever turns independently of outlet. Flow rate 105ml/sec (water viscosity)

406054



Water Butt Taps (WBT) with hose connector. Standard garden hose connector will clip on to this tap (connector not supplied). Lever turns independently of outlet. Flow rate 105ml/sec (water viscosity)

406127



In-Line syphon tap 1/4" with bulb/bulb or bulb/taper - homebrew, industrial & horticultural (hydroponics). NB bulb/bulb ends are 9mm one end, 11mm at the other.

400008 - Bulb/taper



In-Line syphon tap 1/2" double barb - homebrew, industrial & horticultural (hydroponics).

401004

SNAP-TAPS



Snap-Tap (spring loaded lever), green, with black washer and 3/4" thread.

302033



Snap-tap (spring loaded lever), white, with black washer, rounded lever and 3/4" thread.

302110



(3 Swans can only supply the taps)

Spring-loaded Snap-taps are a user-friendly tap option for water, other still beverages, oil and detergents.

- 3/4" BSP thread screws directly into 3/4" bungs holes on jerry cans and drums. Can be used on water coolers and juice urns.
- Polypropylene - compatible with a wide range of products, and even allows boiling water to be stored and retrieved safely.
- Stainless Steel spring
- Easy to take apart and clean
- Smooth toggle mechanism allows for fast, hands-free pouring (lever can be locked in the on position).
- Positive shut-off ensures against puddling and leaks.
- An active hold position (one-handed) is handy for small fills for when accurate measuring is required.
- There are many colours and designs available - please enquire if you have a specific need.

TAP-CAPS

Tap-Cap Options



Red AFT, 45mm cap
700294



Red AFT, 70mm cap
700380



White AFT, NW50 cap
700543



Red AFT, 63.5mm cap
700745



Red AFT, 56mm cap
700820



Red AFT, 55mm cap
700824



Red AFT, 58mm cap
700833



White SFT, 45mm cap
700410



White SFT, 38mm cap
258446

There are many variations of Tap-Caps available. Below are our codes and descriptions for most variations.

Tap-Caps using Aeroflow Tap (AFT)

Code	Description	Cap Size	What they fit
700293	AFT white - Alto 45mm C'c, white	45mm	Alto 5lt, Alto & Visy 10lt jerry cans
700294*	AFT red - Alto 45mm C'c white	45mm	Alto 5lt, Alto & Visy 10lt jerry cans
700380*	AFT red - Alto 70mm cap red	70mm	Alto 20 & 25lt jerry cans
700389	AFT white - Alto 70mm cap, red	70mm	Alto 20 & 25lt jerry cans
700541	AFT red - NW50 C'c, natural	NW50	European jerry cans
700543*	AFT white - NW50 C'c, natural	NW50	European jerry cans
700744	AFT white - Alto 63.5mm cap, white	63.5mm	Alto Universal, Defender, Enviropak & Econocan jerry cans
700745*	AFT red - Alto 63.5mm C'c, white	63.5mm	Alto Universal, Defender, Enviropak & Econocan jerry cans
700747	Water Butt Tap, black - NW50 cap, black	NW50	IBC containers
700820*	AFT red - 56mm Alplas cap	56mm	20lt steel drums
700830	AFT white - Alplas 58mm C'c, BK	58mm	Visy 20lt cube
700833*	AFT red - Alplas 58mm C'c, BK	58mm	Visy 20lt cube
700835	AFT white - Alplas 58mm C'c, red	58mm	Visy 20lt cube
700837	AFT red - Aplas 58mm C'c, red	58mm	Visy 20lt cube
700824*	AFT red - Blow Moulders 55mm cap, red	55mm	Blow Moulders 20lt jerry cans

Tap-Caps using Smooth Flow Taps (SFT)

Code	Description	Cap Size	What they fit
258446*	SFT, PE, 38mm white cap & blue plug	38mm	Alto, VIP, Optoplast & Premier Plastics 1-5lt jerry cans
700410*	SFT w.45mm Alto C'c, red, w.gasket	45mm	Alto 5lt, Alto & Visy 10lt jerry cans
700415	SFT w.45mm Alto, C'c, white, w.gasket	45mm	Alto 5lt, Alto & Visy 10lt jerry cans
700420	SFT w.58mm Alplas C'c, red w.gasket	58mm	Visy 20lt cube
700428	SFT w.63.5mm Alto C'c white	63.5mm	Alto Universal, Defender, Enviropak, Econocan jerry cans
700434	SFT w.44mm steel cap	44mm	Small steel cans
700436	SFT w.56mm plastic cap for steel drums	56mm	Large steel cans, 15-20lt

*If you can't see the combination
you require, please ask us*

** Items are shown above*

DISPENSERS



RS-4, Shippable, 4ml dose dispenser, comes standard fitted to 38mm cap. Resistant to D-limonene, flap-valve foot allows for small particulates.

Also available with large lid adaptor to fit caps 45mm upwards. Can be adapted to fit 20lt jerry cans & steel cans with 44 & 56mm caps.

106450



Screw collar Falcon lotion pump, 4ml dose. Can fit to caps min. 28mm diameter.

101000



RS-10, Shippable, 10ml dose. Available with flap valve for viscous products or ball valve for light viscosity e.g. syrups. Comes fitted to caps 28mm or 38mm. Also available with large lid adaptor to fit caps 45mm upwards. Can be adapted to fit 20lt jerry cans.

104020 – 28/410 cap

104030 – 38/400 cap



Hybrid, 30ml dose. Can be fitted to caps 38mm and larger, including pail-lids. Has strong internal spring and wide-body. Ideal for viscous products.

105000



Maxi, 30ml dose, min. 38mm cap. Ideal for high viscosity lotions and for chutney, salsa, pickles. Nozzle restrictors available in 4mm, 7mm, 10mm.

107000



R-30, 30ml dose with umbrella valve suitable for viscous products. Comes standard with 38mm cap, also available with 45, 58, 70mm (call us for codes relating to each cap size).

106500



FND30 (fixed nozzle dispenser), 30ml dose, min. 38mm cap.

106000



Major 100ml fixed nozzle dispenser, min. 38mm cap.

107500



Major 250ml fixed nozzle dispenser, min. 38mm cap.

107600

The dispensers listed above can be fitted to your caps or lids e.g. pails. Caps & fitting is extra. If used in pails codes 105000, 106000, 106500, 107000, 107500, 107600 should be used with a pedestal foot for extra support.

DRUM PUMPS



CP1848 Chemical transfer pump. Syphon or lift action, syphons approx 5lt/min or 225ml/stroke, Viton seal, compatible with wide range of acids and alkalis. 2" NPT adaptor or fitted to jerry can cap sizes 45, 61, 63.5, 70mm (call us for codes relating to each cap size). Outlet hose 14mmOD x 1200mm long. .

132000 - 2" NPT



Available on indent only, min 10

236-PF-3 Wide body and outlet hose, lift action, 800ml/stroke. Has 2" NPT adaptor. Viton seal compatible with wide range of acids and alkalis. Suitable for viscous products. Outlet hose 32mmOD x 910mm long. Body 850mm long.

132130



236-PF-4 Wide body and outlet hose, syphon or lift action, 800ml/stroke, 20lt/min syphon. Has 2" NPT adaptor. Viton seal compatible with wide range of acids and alkalis. Outlet hose clear PVC 27mmOD x 1200mm long. Body 850mm long.

132134



Available on indent only, min 10

CP12SP, Jerry can pump with spout outlet. Lift action, 150ml/stroke. Viton seal compatible with wide range of acids and alkalis. We can fit to jerry can caps 45mm and upwards (call us for codes relating to each cap size). Goose neck spout drains back into container.

132013



9A-V Petrol Pump, Viton seal compatible with petrol, diesel fuel, kerosene. Syphon or lift action. 110ml/stroke. Syphons approx. 4lt/min.

132150



136-PF-6 Water Meter Pump, 900mm/36" body length. 1.8m(6ft) outlet hose. 1lt/stroke. Ideal portable water pump for removing water from around water meters, valves, or fittings. Not for use with drinking water. Stone strainer also available.

132170



224-PF Water Meter Pump, 600mm/24" body and outlet hose. 500ml/stroke. Not for use with drinking water.

132164



Rieke M855-N Metal Drum Pump, Zinc plated, Nylon piston w/2" BSP Adaptor, for solvents. Goose neck outlet drains back into container. 225ml/stroke (water viscosity).

107720

CHEMICAL USE: Pumps have high impact PVC body with Viton seals & valves. If you are unsure about chemical compatibility, please call us on +64 (07) 850 9581. Pumps can be customised for specific applications.

ADAPTORS for DRUMS & IBCs (1000lt containers):



Adaptor DIN 63mm buttress thread female x 2" BSP female, white (fits Alto & Visy 63.5mm threads)

800509



Adaptor DIN 71mm buttress thread female x 2" BSP female, brown (fits Alto 20lt/25lt jerry cans with 70mm thread). Available on Indent only.

800513



Adaptor Rieke AM464 2" buttress thread male x 2" NPS, female. Refer to drum bung 800605 for buttress thread dimensions.

800515



Adaptor DC617 62mm buttress thread x 2" BSP. Refer to drum bung 800637 for thread dimensions (Chinese thread).

800517



Adaptor A01 Mauser S70 buttress male x 2" BSP female, natural with black O-ring. Same thread dimensions as 800530 but O-ring is at top of thread enabling adaptor to sit lower in drum opening.

800525



Adaptor Mauser (KHM), S70 buttress thread male x 2" BSP thread female. Blue O-Ring. Refer to drum bung 800612 for thread dimensions. (Replaces 800524 -no longer available).

800530



Adaptor Trisure 2" buttress thread male x 2" BSP, female. Flat Gasket. Refer to drum bung 800608 for thread dimensions.

800570



IBC basic Adaptor, Schutz, NW50 x 2" BSP, female-female. Black with white santoprene gasket.

800532



IBC Adaptor CPP, heavy duty NW50 x 2" BSP, female-female. Black with rounded EPDM gasket. Glass filled Polypropylene.

800536

ADAPTORS for DRUMS & IBCs (1000lt containers):



Adaptor CPP, NW50 male x 2" BSP female. Black with flat EPDM gasket. Glass filled Polypropylene.

800538



Adaptor NW50 female x 2" BSP male. Black with flat EPDM gasket. Glass filled Polypropylene.

800539



Adaptor Camlock. NW50 female x 2" Camlock male, short (53mm), with yellow dust plug.

800550



Adaptor CPP Camlock. NW50 female x 2" Camlock Male, standard (77mm). Black with flat EPDM gasket. Glass filled Polypropylene.

800552



Adaptor S100 buttress female x NW50 buttress male

800556



Adaptor S100 buttress female x 3" camlock male. Available on indent only.

800558



Adaptor, Schutz camlock 2" female x 2" BSP female, with locking arms. For use on integrated camlock valves.

800559



Adaptor, Schutz 2" camlock female x 2" hose tail, with locking arms. For use on integrated camlock valves.

800560

KEY

BSP = British standard pipe-thread.
NW50 also known as buttress or coarse thread. Also known as DIN61 or S60
S70 or S100 = 70 or 100mm

IBC COMPONENTS (IBC Outlet Nozzles & Valves)



3 piece cap NW50
Nozzle, HDPE NW50.

500746 - Cap
800260 - Nozzle



Ball valve (Darcie-Lite), S75
female x S60 male (NW50),
Engage 8003 polyolefin
elastomer seals. To fit IBCs by
Schutz .

800212



Ball valve (Darcie-Lite), S60
female x S60 male (NW50), En-
gage 8003 polyolefin elastomer
seals. To fit IBCs by Mamor, So-
tralentz, Greif/ Sonoco.

800248



Ball valve (Darcie-Lite), S80
female x S60 male (NW50),
Engage 8003 polyolefin elastom-
er seals. To fit IBCs by Maus-
er/Hoover, Reyde (Spain).

800318



Cross-section of Darcie-Lite
valve



Example of an IBC
(3 Swans do not supply IBCs)

IBC Outlet Descriptions



If your IBC has an outlet:
S60 x 6 male buttress thread

It will fit IBC valves made by:
Sotralentz
Grief/Sonoco
Mamor
(our code 800248)



If your IBC has an outlet:
S75 x 6 male buttress thread

It will fit IBC valves made by:
Schutz
Clawson
Fustiplast
(our code 800212)



If your IBC has an outlet:
S80 x 6 male buttress thread

It will fit IBC valves made by:
Mauser (Hoover)
(our code 800318)

IBC SCREW CAPS & LIDS



Cap IBC 2" NPT (BSP) with rubber gasket. For USA IBCs. Available in yellow or black. Used on IBC outlet.

500741 Yellow
500742 Black



Cap IBC NW50/DIN61 (2"), butress thread. Used on IBC outlet.

500743



Cap IBC NW50/DIN61 (2") adaptor with 3/4" insert, bowl gasket. Shown here with a water butt tap with hose connector (not included in price).

(500745 Cap 406127 Tap)
700747 - Tap-Cap



Valve cap for Schutz Camlock, Mark I, 2" BSP/52mm internal diameter. Black with clear gasket.

500747



Valve cap for Schutz Camlock, Mark II, 61mm internal diameter. Black with clear gasket.

500748



Large lids, solid, black with cellular rubber gasket. NW150 (6") or NW225 (9").

500754 - NW150
500760 - NW225



Large lid, vented, red with seal cap, EPDM gasket. NW150 (6").

500756

NB caps not shown to scale

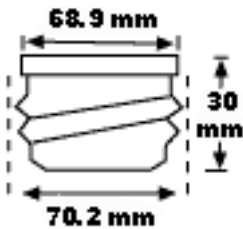
DRUM BUNGS/PLUGS (Mauser)



Drum Bung Mauser, S 70
butress thread with 3/4"/20mm
BSP insert, black O ring
(DC204).

800612

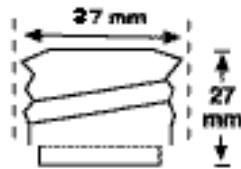
Size:



Drum Bung Plug, 38mm
butress thread, blue O Ring
(DC205).

800614

Size



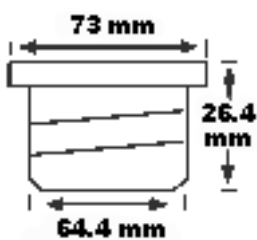
DRUM BUNGS/PLUGS (Rieke)



Drum Bung Rieke, PPA-57-B5,
2" buttress x 3/4"/20mm BSP
insert.

800605

Size



Drum bung Rieke, PPA-71, 2"
BSP Trisure, plain, with white
EPDM gasket.

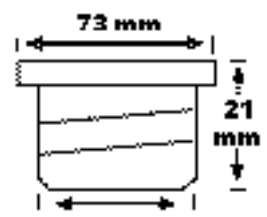
800631



Drum Bung Rieke, PPA-56,
2" NPS thread, with 3/4"/20mm
insert (Please note: White is
now Stock colour).

800632

Size



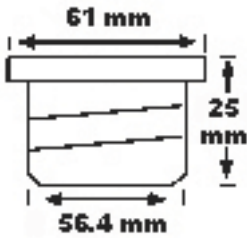
DRUM BUNGS/PLUGS (Van Leer/Trisure)



Drum Bung Van Leer-Trisure, 2" buttress thread with 3/4"/20mm BSP insert plug fitted (DC202).

800608

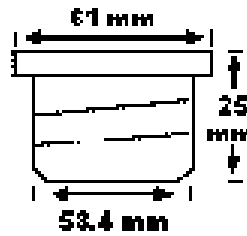
Size



Drum Bung Van Leer-Trisure, 2" BSP with 3/4"/20mm BSP insert plug fitted. (replaces 800721 & 800650).

800722

Size



Drum Bung Van Leer-Trisure, 2" buttress plain. This is the same size thread as shown for 800608.

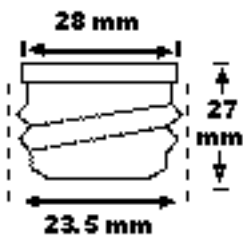
800724



Drum Bung Plug Van Leer-Trisure, 3/4"/20mm buttress thread (DC216).

800610

Size



SUNDRY



Drum Bung 56mm butress thread, plain. For Mauser style Indian-made drums (DC210).

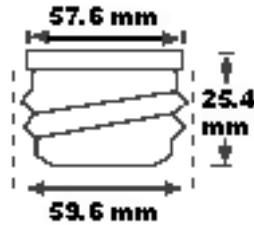
800616



Drum Bung Enviro, 45mm butress thread, plain (DC207).

800624

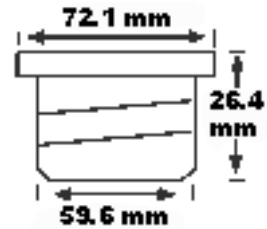
Size



Drum Bung, 58mm butress thread with 20mm insert (Rieke style, Asia) (DC214).

800635

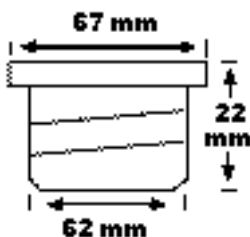
Size



Drum Bung, 62mm butress thread with 3/4"/20mm insert (Rieke style - China) (DC217).

800637

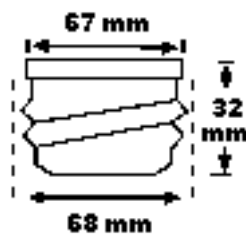
Size



Drum Bung, 68mm butress thread with 3/4"/20mm insert (Mauser style - China) (DC218).

800638

Size



Drum Bung, 3/4"/20mm Rieke PPA-10-2, NPT thread (fine tapered), natural.

800627 has replaced 800626 3/4" BSP (Dorony).

800627

CAPSEALS & CAP TIGHTENERS



Crimp-on seals fit Rieke drum bungs 3/4" and 2", buttress or NPT threads. Cap Seal Rieke 3/4" Safe SealPX-1-050, white
800440

Cap Seal Rieke 2" Safe Seal Cap Seal PX-03-050, white.
800450



G30 Crimp Tool for Rieke 3/4" Safe Seal Cap Seal (800440)
800445

G10 Crimp Tool for Rieke 2" Safe Seal Cap Seal (800450)
800460



Press-on Seals fit Van Leer-Trisure, Alto 60 and 200lt drums and Visy steel drums. NB. These capseals do not fit Rieke drum bungs Cap Seal Rieke Trisure 3/4"/20mm Tite Grip AP-1-5000 press-on (small in picture)

800441



Cap Seal Rieke Trisure 2"/50mm Tite Grip AP-3-5000 press-on (large in picture)

800453



Cap Seal Mauser type, DC162 snap-on, PP, red

800462



Alto cap tightener for 45mm (industrial) or 70mm caps. Can be used with 70mm tap-caps e.g. 700380.

800406



VIP (Visy) cap tightener for 58mm caps. Cannot be used with tap-caps e.g. 700833. Small end fits 20mm drum bung.

800407



W-169 Drum Spanner, for Rieke. bungs Light weight durable aluminium alloy, sparkless for use with hazardous chemicals.

800409



Trisure T09 steel drum spanner. Universal for bungs as listed in this catalogue. Fits 3/4" and 2" bungs and cap-seals.

800411

VENTED CAPS & BUNGS, CHILD RESISTANT CLOSURES



Child Resistant Cap, 28/400 (28mm), PSI vented with SRM grooved liner.

600819



Child Resistant Cap, 38/400 (38mm), PSI vented with standard PTFE liner.

600820



Child Resistant Cap, 38/400 (38mm), PSI vented with ePTFE (SRM) liner.

600830

As well as the stocked items above we can vent most sizes of caps and bungs.

KEY

PTFE: Polytetrafluoroethylene (Teflon)

ePTFE: expanded Polytetrafluoroethylene, i.e. SRM Super Resistant Membrane (Gore-Tex)

WHEN TO USE VENTED CAPS OR BUNGS

Vented closures (caps & drum bungs) are used for liquids which generate gas i.e. Sodium Hypochlorite and Hydrogen peroxide in liquid form. The membrane allows gases to escape but remains leak proof. This prevents the container from blowing out.

Caps and drum bungs are vented using a heat welding process to apply the venting membrane to the inner surface.

Membranes available are:

1. PTFE Hydrophobic (water repellent) i.e. HIGH SURFACE TENSION liquids – Sodium Hypochlorite/Hydrogen peroxide with only water added.
2. ePTFE Super Resistant membrane (SRM) Oleophobic (oil repellent) LOW SURFACE TENSION liquids – the above with additives such of acid, solvent, oil, fragrances, surfactant, soap, detergent. SRM can also counteract Oxygen scavenger solutions i.e. citrus based solutions which cause panelling (container wall sucks in). The vent allows oils to access Oxygen through the membrane. The vent also reduces oil migration through the wall panels which can dissolve label adhesive.

Ask us about your application. We can advise you on the correct vented membrane to use for the safe storage, handling and transportation of your chemicals.

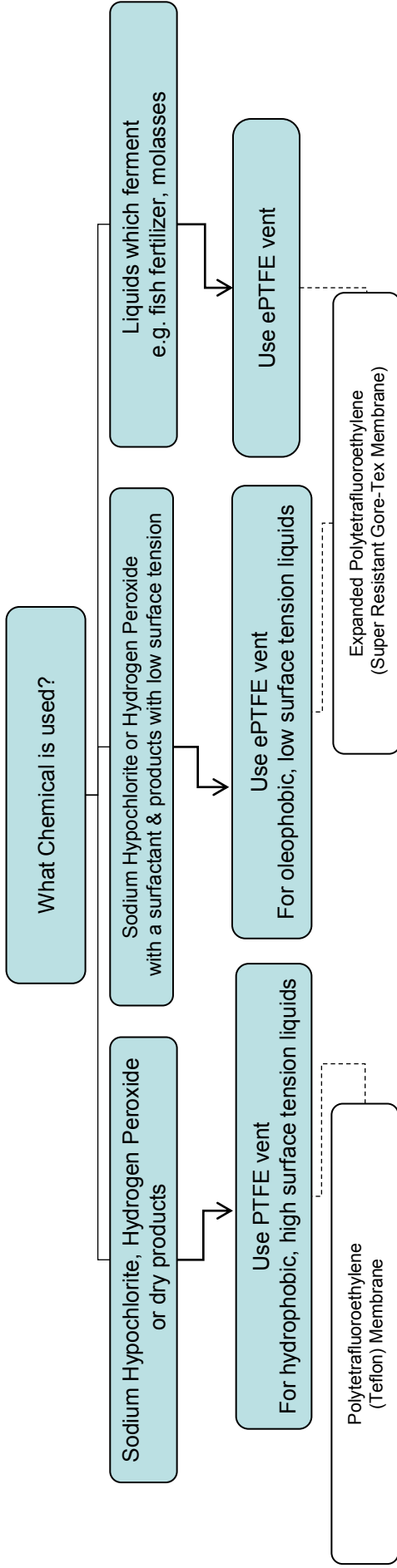
Vented closures **MUST** be tested under your own specific end use conditions at your own discretion and risk.

Samples are available upon request, free of charge.

Please note that for health and safety reasons we will only vent unused closures (caps or bungs).

Please see following page for venting guide. If in any doubt please call us for guidance.

Guide to using Vented Caps and Closures



Use PTFE for:	
Products that ONLY Contain:	<ul style="list-style-type: none"> Bleach (Sodium Hypochlorite) & water Hydrogen Peroxide & water Dry products
Such As:	<ul style="list-style-type: none"> Pool bleach Pool shock Certain fertilisers or disinfectants Powders or tablets

PTFE membrane is recommended for use on hydrophobic (water repellent) high surface tension, liquids.

Used with permission from Performance Systematix Inc.

Use ePTFE (SRM) for:	
Products Containing ANY :	<ul style="list-style-type: none"> Surfactants Soaps Detergents Solvents Oils Acids Alcohols Fragrance
Such As:	<ul style="list-style-type: none"> Household & industrial cleaners Liquid fertilisers Molasses Pesticides Degreasers Scented bleach Essential oils

ePTFE or SRM (Super Resistant Membrane) is recommended for solutions containing oleophobic (oil repellent) low surface tension liquids.

Vent Hole Size:

2mm

- High surface tension liquids e.g. Sodium Hypochlorite/Hydrogen Peroxide
- Low surface tension liquids with closure size smaller than 38mm.

4mm

- Low surface tension liquids e.g. as per chart for ePTFE (SRM).
- Low surface tension liquids with closure size 38mm and larger

Hole size needs to be confirmed by specific testing – ask us for samples for testing

Usage notes when using any vent:

- Be sure to allow adequate head space (ullage) in the container. We suggest a minimum of 5%-10%.
- Insufficient head space can cause leakage or plugging of the vent.
- Container must be transported and stored in an upright position.

This information is intended for use in product evaluation, under your specific end use conditions, at your own discretion and risk.

Please Note: For the health & safety of our staff, and the integrity of your product, only unused closures will be vented.

If in any doubt please contact us: 3 Swans Ltd. ph 07 8509581, email info@3swans.co.nz, web www.3swans.co.nz