

IBC Info Sheet

IBC = Intermediate Bulk Containers also known as 1000L Pods, Totes

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This brochure has been designed to give you some useful tips on Intermediate Bulk Containers (IBCs), also known as pods or totes.

There are different types of IBCs on the market in NZ and they require different fittings because of the size of their threads.

Common questions we get asked are:

- How do you know which make of IBC you have?
- What size are the outlet threads?
- Which valves fit these threads?
- What can you use to adapt them to the hose fitting you want to use?
- What can you cap them with for transport?

IDENTIFY THE IBC

IBC identification: The most common types of IBCs on the New Zealand market are:



a. Schutz IBC

a. Schutz, Germany, but now manufactured in Australia. Schutz valves often have “Schutz” embossed on the handle. The IBC outlet (male thread) size is S75. This is the same size as Clawson and Fustiplast IBCs which are less commonly found here.

The original valve has an alloy screw collar which screws onto the IBC.

The replacement valve you need is our code **800212**.



b. Sotralentz IBC

b. Sotralentz, France. Their IBCs have black corner pieces, embossed “Sotralentz”. The outlet size is S60 (NW50). This is the same size as IBCs made by Grief/Sonoco and Mamor.

The replacement valve is our code **800248**.

c. Mauser, Germany. The valve is quite chunky with S80, 80mm buttress thread on the IBC. These are sometimes known as Hoover IBCs (USA).

The replacement valve is our code **800318**.



c. Mauser IBC valve



Replacement Valves

Darcie Lite ball valves are constructed from glass filled polypropylene with Engage 8003 polyolefin elastomer seals. Available to fit Schutz, Sotralentz and Mauser IBCs.

VALVE THREAD SIZES

a.



b.



c.



a. If your IBC outlet is S75 (75mm) x 6 male buttress (coarse) thread it will fit valves made by Schutz, Clawson, Fustiplast. Our Darcie-Lite valve code **800212**.

b. IBC outlet is S60 (60mm) x 6 male buttress (coarse) thread it will fit valves made by Sotralentz, Grief, Sonoco, Mamor. Our Darcie-Lite valve code **800248**.

c. If your IBC outlet is S80 (80mm) x 6 male buttress (coarse) thread it will fit valves made by Mauser (Hoover). Our Darcie-Lite valve code **800318**.

ADAPT YOUR IBC THREAD

Often you need to adapt the thread on your IBC so you can attach different fittings e.g. hoses or taps. The most common type of thread on the outlet valve is European NW50, also known as DIN61 or S60 buttress (coarse) thread. The major suppliers, Schutz, Sotralentz & Mauser have standardised on this size on the valve outlet.

Use the chart on the next page to identify which adaptor you require.

ADAPTORS



800532: Basic Schutz adaptor. NW50 x 2" BSP Female-female



800556: S100 (100mm OD) buttress female x NW50 male



800536: Heavy Duty Schutz adaptor NW50 x 2" BSP female-female



800557: Kingtainer 80mm/3" BSP female x NW50 male



800538: Heavy Duty, NW50 male x 2" BSP female



800558: S100 buttress female x 3" camlock male



800539: Heavy Duty, NW50 female x 2" BSP male



800559: Schutz camlock 2" female x 2" BSP female with locking arms



800552: Heavy Duty, NW50 female x 2" Camlock male



800560: Schutz camlock 2" female x 2" hose tail, with locking arms



800554: Heavy Duty, 2" NPS (Fine thread) female x 2" Camlock male



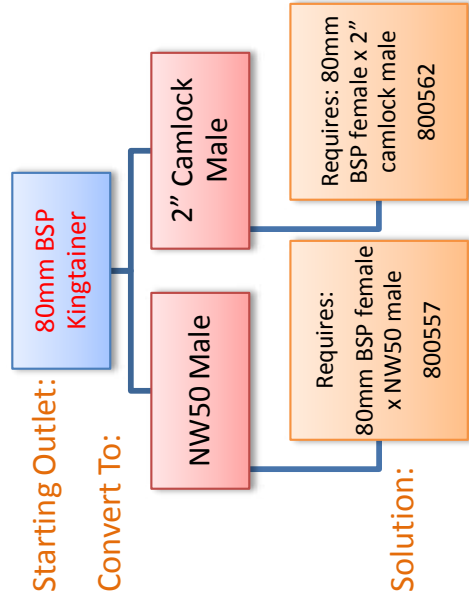
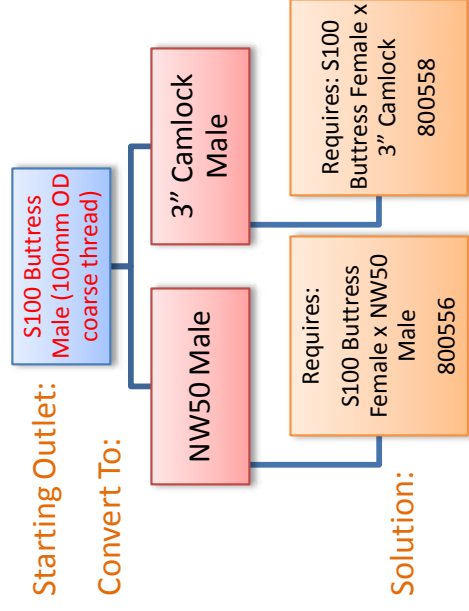
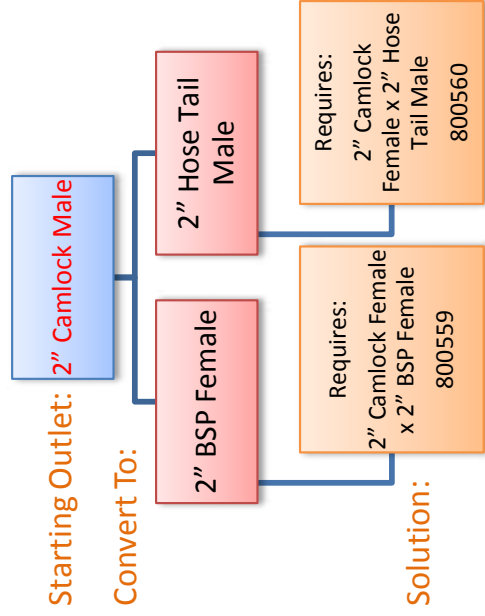
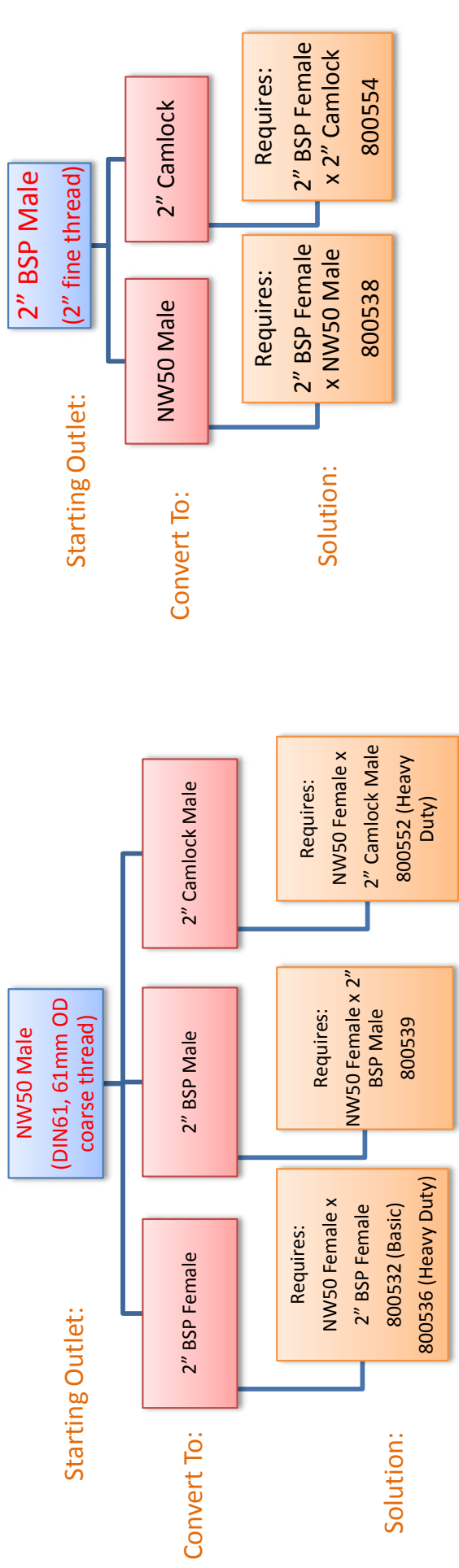
800562: Kingtainer 80mm/3" BSP female x 2" camlock male

Key:

Heavy Duty = glass filled polypropylene
NW50 = DIN61, S60, 60mm OD coarse/buttress thread

BSP = Fine thread
S100 = 100mm OD

IBC Adaptor Identification Charts



CAPPING IBCS FOR TRANSPORTATION

Thankfully the major suppliers - Schutz, Sotralentz & Mauser have standardised on the thread on the outlet of the valve. The valve thread (outlet) is European NW50. This is also known as DIN61, S60 (60mm OD) buttress (coarse) thread.

The cap should be used on the outlet of the valve when IBCs are being transported on public highways. This is a safety feature in case the valve is not fully closed.



NW50 cap, 2" buttress thread, black.
Our code 500743
2" BSP cap, black
Our code 500742

OTHER CAPS FOR IBCS



NW50 cap with 3/4" insert for tap (shown here with water butt tap with a hose connector). Use this arrangement if you want to fit a standard garden hose outlet.

Cap Code: **500745**. Code for cap with tap fitted: **700747**



NW50 3 piece cap with nozzle. Cap comes in 3 pieces (cap, disc and gasket) which allows for the cap to be shut off when the nozzle is not in use. Nozzle can be fitted to allow product to be drained from IBC. This arrangement allows you to direct the flow of the product you are draining from the IBC.

Cap Codes: **500746** (NW50 coarse thread), **500768** 2" BSP thread, Nozzle Code: **800260**



Large lids for the top openings of IBCs:

NW150 or 6" lid, black, solid or red, vented. Vented lids allow gas to escape to prevent the IBC blowing out.

Solid = our code **500754**, Vented = our code **500756**

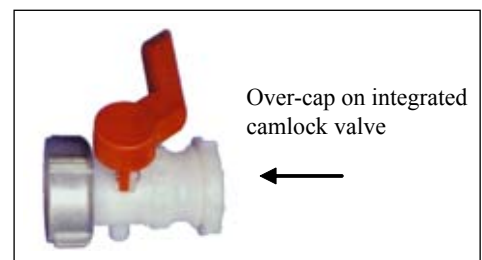
NW225 or 9" lid, red, solid. Our code **500760**



Schutz over caps for integrated IBC valves.

2" BSP/57mm ID our code **500747**

61mm ID our code **500748**



If you require any further information or can't see the fitting you require please call or email: 07 850 9581, info@3swans.co.nz.

Check out our website www.3swans.co.nz to see the other products you can source from 3 Swans:

- Plastic Taps
- Dispenser Pumps
- Drum Pumps
- Drum Bungs, Adaptors and wrenches for drum bungs & caps
- Tamper Evident Cap-Seals
- Vented closures (To allow gas but not liquid to escape from containers)
- 'Tuff Tap' irrigation taps, hook and inline