

# Well Liners

Northern and Central Region

Technical Guide R1.22

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06.21 | RURAL | R1.22 HYNDS WELL LINERS NORTHERN AND CENTRAL REGION

## Applications

Well liners

Soak pits

## Product Attributes

Durable

Strong

Made of 'Blue Chip'

Can be stacked as high as six metres

## Quality

ISO 9001:2008 Quality

Management Standard

*We are the supply partner of choice for  
New Zealand's rural industry, specialising  
in water and infrastructure based solutions.*



Hynds Well Liners are strong and versatile with two size options available to suit most applications. Originally designed for Rural water wells Hynds Well Liners are also used for soak holes.

The overall design incorporates a concrete band at the top and bottom for extra strength. An excellent use for well liners is at traffic areas, as they can carry a heavier class lid and therefore heavier loads than the standard pumice units that are often used. It is important in this instance to use an oversized lid so the weight is carried by the surrounding ground. Well liners are built to last, mainly consisting of reo, blue chips and cement. The soakage ability depends on the amount of water entering the soak pit.

### Installation

- Whilst all liners should be handled carefully, pumice liners require extra care. They are a lot lighter than comparable pre-cast concrete units.
- Once the hole has been dug or drilled, where possible level the bottom of the hole. The liners should then be stacked to the required height.
- A normal well would consist of three to four porous liners, with two solid liners on top. These can then be covered with one of our lid options. Sizing of soak holes are normally determined by catchment area and soil type.

**TABLE 1 900mm Diameter Well Liners**

Product Code	Concrete Type	Size (mm)	Weight (kg)
WLS0900PF	Porous	900 x 1000	530
WL0900500S	Solid	900 x 500	271
WL09001000S	Solid	900 x 1000	572
WL09100500	Porous	910 x 500	220
WL09101000	Porous	910 x 1000	445
WL09101000B	Solid with base	910 x 1000	485

**TABLE 2 900mm Well Liner Lids**

Product Code	Concrete Type	Size (mm)	Weight (kg)
WLL0900100	Closed	900 x 100	215
WLL0900100.100	100PVC Opening	900 x 100	215
WLL0900150	Closed	900 x 150	321
WLL0900150.150	150PVC Opening	900 x 150	321

**TABLE 3 Pumice Soak Ring**

Product Code	Concrete Type	Size (mm)	Weight (kg)
SRP6000450	Porous	600 x 450	46
SRP6000450S	Solid	600 x 450	58
SRP6000600S	Solid	600 x 600	74
SRP6000900	Porous	600 x 900	84
SRP6000900S	Solid	600 x 900	116
SRP9000450	Porous	900 x 450	78
SRP9000450S	Solid	900 x 450	102
SRP9000900	Porous	900 x 900	156



**FIG. 1** Well Liner

**TABLE 4 Offal Hole Lid**

Product Code	Description	Weight (kg)
OHP105075	1050mm Offal Hole Lid c/w 75mmplug	112
OHP122075	1220mm Offal Hole Lid c/w 75mm plug	175
OL1350PF	1350mm Offal Hole Lid	345

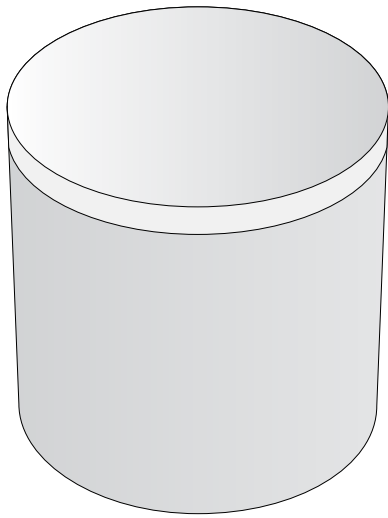


FIG. 2 Well liner and lid

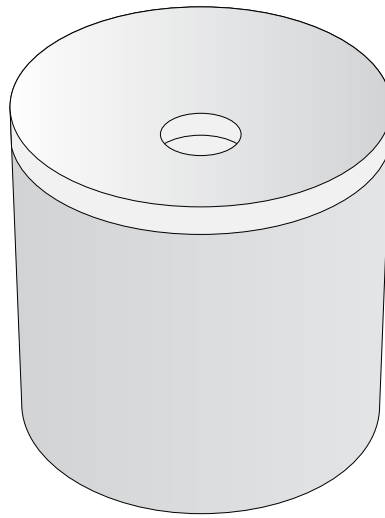


FIG. 3 Well liner and lid with penetration

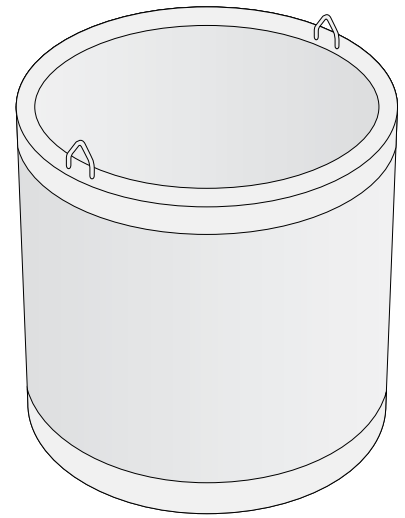


FIG. 4 Well liner



FIG. 5 Pumice Soak Rings stacked. Well liner and lid pictured front, right hand side.

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