



MCG

McDONALD
CONCRETE
GROUP Ltd

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WELL LINERS OPEN POROUS

Specifications and Use of

MCG manufacture liners designed to retain the sides of a hole whilst still allowing rapid transfer of water into the surrounding earth.

These liners are designed to work without a base and flow rates depend on soil types rather than transition through the wall.

Liners are lightly reinforced and are manufactured with voids and passageways between a stone network.

Ground Acceptance Rate is Governed by:

- (a) Soil type
- (b) Existing water tables
- (c) 'Blinding' particles within wastewater e.g. leaves and fibres.



Benefits:

MCG Pourous Liners are a cheap and simple method of stormwater disposal. They have also been extensively used for water intakes for pumps and water schemes. They put rainfall back into the localised ground area on-site without contributing to the loading of Council pipe networks,

Limitations:

- (a) Soil type
- (b) 'Blinding' particles or material
- (c) Loadings

Care should be taken when inspecting a site that the soil-loading rate does not exceed the soil acceptance rates on average. Fine particles can ingress through the void network - if this is problematic. A geogrid cloth such as Biddim A14 will prevent this, however, the finer pore size will increase the blinding risk.

MCG are stockists of Biddim Cloth

CODE	LITRES	DIAMETER mm	HEIGHT mm	WEIGHT KGS	EX-YARD PRICE EXCL GST
LWLOP11	49	0.460	0.300	50	\$213.00
LWLOP20	91	0.610	0.300	72	\$241.92
LWLOP22	99	0.460	0.610	120	\$244.68
LWLOP25	114	0.610	0.380	96	\$254.13
LWLOP30	137	0.610	0.460	120	\$263.58
LWLOP33	150	0.860	0.300	120	\$288.30
LWLOP40	182	0.610	0.610	168	\$281.30
LWLOP50	227	0.860	0.460	168	\$313.80
LWLOP60	273	0.610	0.910	240	\$316.75
LWLOP61	273	1.070	0.300	144	\$325.83
LWLOP67	305	0.860	0.610	216	\$337.75
LWLOP80	364	0.610	1.200	319	\$379.00
LWLOP90	409	1.070	0.460	192	\$357.53
LWLOP100	455	0.860	0.910	336	\$390.92
LWLOP120	546	1.070	0.610	264	\$387.78
LWLOP180	819	1.070	0.910	408	\$452.00