



Material Technical Data and Material Safety Data Sheet

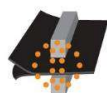
Instant, Long term, reservoir.

Potable Water Food grade PVC

- ▶ Specially formulated to ensure safe contact with drinking water
- ▶ Approved by Australian Water Board (AS/NZS 4020)
- ▶ Multilayer coating process for improved waterhead



High strength reinforcing
polyester woven textile



High frequency and
hot air weldable



Good outdoor weathering
and UV resistance



Potable
Water

Technical Data

Product Capacity	Product Code	Maximum dimensions (m)	Shipping Weight (kg)
0.5kl	BS1.025x1x0.45	1.025x1x0.45	4
1kl	BS1.5x1x0.475	1.5x1x0.475	5
3.5kl	DS2.4x2x0.55	2.4x2x0.55	11
6kl	DS3x2.4x0.55	3x2.4x0.55	16
15kl	DS4.5x4.5	4.5x4.5x1.8	28
20kl	DS4.5x5.4	4.5x5.4x1.8	34
35kl	Ds6x6	6x6x1.8	50
50kl	Ds8x6	8x6x1.8	68
100kl	Ds9x9	9x9x1.8	110
200kl	DSB12x12	12x12x1.8	220
250kl	DSB12x15	12x15x1.8	250
333kl	DSB15x15	15x15x1.8	315

Formulation
Food Grade Plasticised PVC Reinforced with Woven Polyester

Safety Data

Test	Method	Unit	Value
Tensile strength	SANS 1421:1998	N/50mm	2200
Tear Strength	ISO 4674-1: 2016 B	N	250
Weld Adhesion	ISO 2411: 2017	N/25mm	40
Fire resistance	SANS 1287-1: 2007		Resist on full reservoir
Fusion	5min in Acetone		No flaking
Approximate Thickness		mm	0.58 - 0.62
Extension at break		factor	1.2
Puncture with screwdriver			Yes
Tensile tested at	40% of strength	N/50mm	800
Max working tensile	20% of strength	N/50mm	400 (safety factor = 5)
Heat Resistance	Continuous heat	°C	70
Cold resistance	Continuous cold	°C	-10
Pressure to fill	Height of water	kPa	18