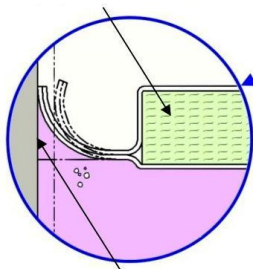


## ULLAGE-BEATING TANK “SKINS”

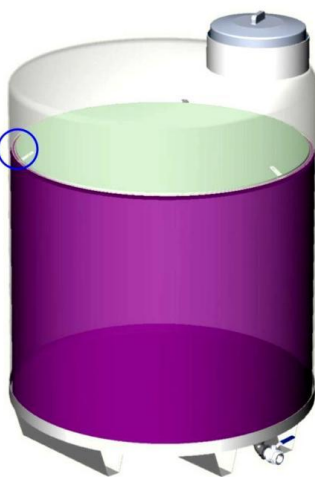
- SKINS are inert, flexible, surface-oxygen blocking discs. They are rolled-up to load through top or side doors, then spring open to float on the wine.
- SKINS reduce the exposed free wine surface to a very low level. The wine in a part-filled tank is protected as though the tank is full.
- Flextank surface blocking SKINS can be made to measure for any tank body. They can also be sized to fit the necks of full tanks.
- SKINS reduce SO<sub>2</sub> & CO<sub>2</sub> usage, scum & VA development

**Skins can be used in wine tanks of up to 6 metres in diameter!**

'SKINS' are 20mm thick flexible, elastomeric foam discs, sealed into a tough, no-taint, food grade polyurethane film cover



The edge flap acts as a hygienic "wiper", conforming to wall indentations & out-of-roundness. Free SO<sub>2</sub> from the wine keeps flap mould-free.



Once the Skin is installed, the head space is normally charged with CO<sub>2</sub> to protect the small area of exposed wine around the perimeter.

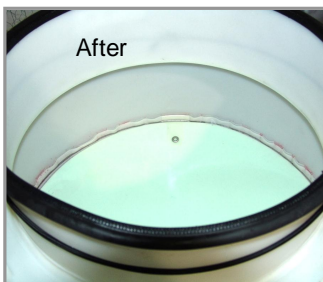
As gas dissolves into liquid at a rate directly proportional to the exposed surface area, re-charging the head space only needs to be done infrequently.

Skins are far more hygienic than movable head tanks, there is no wine weepage or mildew and no air sucking past the seal. No pump-up seal failures either.

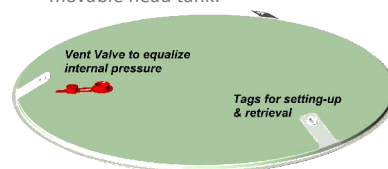
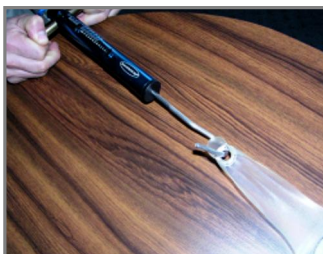
SO<sub>2</sub> consumption under Skins in a part-filled tank is significantly greater than that in a full tank, but generally significantly less than in a similar sized movable head tank.



Before



After



A venting valve is fitted to ensure that the unit is neither under nor over-inflated. Self-inflation can occur in a CO<sub>2</sub> atmosphere. The valve is usually left open in service



Each SKIN is fitted with three or more reinforced tags around the perimeter to allow it to be set up horizontally after loading & for easy retrieval. The tags don't tear or come off. This tag is being tested with 10kg of load applied. 3mm polyester "Venetian blind" cord is recommended as wine safe for attachment to the tags. Large SKINS can be handled with all three tags corded, like a parachute in reverse.

PRODUCT DESCRIPTION

ITEM CODE

**Standard Tank Skins:**

Skin, floating, diameter 490-500mm, suitable for vessel neck	S0500BOXX
Skin, floating, diameter 590-600mm, suitable for 300L body	S0600BOXX
Skin, floating, diameter 790-800mm, suitable for 600L & 1000L body	S0800BOXX
Skin, floating, diameter 1370-1380mm, suitable for tank 2.5KL squat&5KL tall	S1380BOXX
Skin, floating, diameter 1840-1850mm, suitable for tank 5KL squat &10.5KL tall	S1850BOXX
Skin, floating, diameter 2360-2380mm, suitable tank 10.5KL squat&20KL tall	S2380BOXX
Skin, floating, suitable for 2.1KL Cell body	SCELLBOXX
Skin, floating, suitable for 1KL Cube, body	SCUBEBOXX

**Custom shapes (square, rectangular or circular) and sizes:**

Skin up to 1m diameter (<1m circular or rectangular)	SSPECBOXX
Skin up to 2m diameter (1 to 2m circular or rectangular)	SSPECBOXX2
Skin above than 2m diameter (2m x 2m or greater; Heavy duty Outer)	SSPECBOXX3

Check with Flextank for minimum manhole opening to fit rolled-up SKIN through

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FEATURES & ADVANTAGES

- Users state a "lot less" SO<sub>2</sub> usage in Skinned closed tanks vs. V-C tanks
- Flexible - easy roll-up, install & retrieve via top chamber or side door
- Tough, can be washed & re-used many times
- Edge "Wiper" helps keep out contaminants
- Hygienic, low-scalping, inert, no-taint, PROVEN wine-contact material
- Great for cold stabilizing, minimize dissolved O<sub>2</sub> and/or CO<sub>2</sub> at low temp.
- Use also in expansion chambers, concrete tanks, Potter hatchways etc.
- Hundreds in use in all States as well as in Europe, USA & New Zealand



[www.flextank.com.au](http://www.flextank.com.au)

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