

Venus[®]

BALER TWINE

**Netwrap, Silage Film and
Silage Pit Covers**

*The
complete
guide*

**SEASON
2016-17**

Big Bale Twines

Heavy duty polypropylene twines for all big square balers, 4' x 4' x 8', 3' x 4' x 8', 3' x 3' x 8' and 3' x 2' x 8'

Venus ULTIMATE Extra HD White

Especially developed for high density baling with the Krone HDP, HDP II and Massey Ferguson XD balers. Excellent knot holding properties and 290kgf knot strength make it the all-purpose, every day twine for most crops and conditions.

Venus XX HD White

Specifically designed for the Krone HDP and HDP II for extreme baling conditions such as harsh, springy crops; low moisture content; maximum density and rough handling during loading, stacking and transportation.

Venus Extra Yellow

Tried and trusted in many balers. Recent testing shows it also performs well for high density, low moisture content baling with the Massey Ferguson XD balers.

Venus Extra Blue

The all-rounder proven over many years in non-high density balers such as the Massey Ferguson 2170 and 2270. Also available as Venus Big Blue in a lighter weight 2040m pack.

Venus Extra Red

Best suited for medium density bales in all big square balers and medium square balers for harsh and springy crops. Some contractors also use it on the inside knotter in big squares for economy.

Venus Extra Orange

Best suited for medium square balers and for economy where high density and low moisture content are not required.

SPECIFICATIONS

	Venus XX HD WHITE 1950m	Venus ULTIMATE Extra HD WHITE 2180m	Venus EXTRA YELLOW 1980m	Venus EXTRA YELLOW 2255m	Venus EXTRA BLUE 2460m	Venus EXTRA RED 2340m	Venus EXTRA ORANGE 2610
KNOT STRENGTH kg	300	290	260	260	245	221	205
TENSILE STRENGTH kg	469	420.45	372	372	350	320	271
SPOOLS PER PACK	2	2	2	2	2	2	2
METRES PER PACK	1950	2180	1980	2255	2460	2340	2610
BALES PER PACK 6knotter							
4' x 4' x 8'	45	50	46	52	56	53	59
3' x 4' x 8'	48	53	49	55	61	58	65
Kg PER PACK	20.5	20.5	18	20.5	20.5	18	18
PACKS PER PALLET	48	48	56	48	48	56	56



Daly Douglas region,
Northern Territory

High UV stabilisation,
specially formulated for Australian conditions.

Round Bale Twines

UV stabilised polypropylene and natural fibre sisal twines for 4' and 5' wide round bales of silage, hay and straw crops of all weights.

Venus Round Blue

Traditional round bale twine that is easy to see in the paddock and on the farm..

Venhart Round Black

Made to the same specifications as Round Red (below) with a carbon black additive that provides the best protection against UV degradation.

Venus Round Red

Traditional round bale twine that has been proven in the paddock since the beginning of round baling in Australia with polypropylene twine. Can also be used as a hop twine.

Venus Medium Blue

A thicker, heavier round bale twine with exceptional tensile strength at 76kg. This means fewer rounds are required per bale saving contractors and farmers time and money.

Cardinal Sisal Binder

Lightweight golden twine used for binding round bales and sheaf hay. Its long fibres give the twine a relatively high tensile strength. Sisal Binder is treated with a vermin repellent and is rot and mildew resistant but like all natural twines it should be stored in a dry place.

Cardinal Sisal Silage

An untreated natural fibre twine for making round silage bales. Used in conjunction with silage film, Sisal Silage twine is designed to rot away inside the bale.



	SPECIFICATIONS					
	Venus MEDIUM BLUE	Venhart ROUND BLACK	Venus ROUND RED	Venus ROUND BLUE	Cardinal SISAL BINDER	Cardinal SISAL SILAGE
TENSILE STRENGTH kg	76	48	48	42	68	39.5
SPOOLS PER PACK	2	2	2	2	8	2
METRES PER PACK	7000	9750	9750	10150	6402	5000
BALES PER PACK BASED ON 4' x 5' BALE	122	113	113	117	63 bales or 29 tonnes sheaf hay	87
TWINE ROUNDS PER BALE	12	18	18	18		15
Kg PER PACK	11.8	11	11	11	23.03	11
PACKS PER PALLET	80	80	80	80	36	80

Field Days



Yorke Peninsula Field Days, SA, Sept. 2013.



Emore Field Days, Vic, October 2014.



Afia Conference, Palm Cove, Qld, 2013.



Farmworld, Lardner Park, Vic, April 2014.

Kamarooka, Victoria



Small Bale Twines

Polypropylene and sisal twines for small square bales of all sizes and weights.

SPECIFICATIONS

	Venus Premium Blue	Venus Premium Red	Venus Blue	Venhart Premium Black	Venus Red	Cardinal Sisal Baler	Contractors Packs
KNOT STRENGTH kg	88	74	69	69	69	68	69
TENSILE STRENGTH kg	145	130	122	122	122	125	122
SPOOLS PER PACK	2	2	2	2	2	3	6
METRES PER PACK	4000	3000	3000	3000	3000	3000	7500
BALES PER PACK APPROX							
14"x18"x30"	894	671	671	671	671	671	1677
14"x18"x36"	787	590	590	590	590	590	1476
Kg PER PACK	12.9	9.4	8.7	8.7	8.7	19.5	21.72
PACKS PER PALLET	80	100	100	100	90	48	40



Venus Premium Blue

A very high 88kgf knot strength makes this twine particularly suitable for high density bales. 4000m per pack means less downtime loading the twine box.



Venus Premium Red

Particularly suited to medium density bales and crops with low moisture content. High UV stabilisation for Australian conditions.



Venus Blue

A conventional twine that is soft on the knotters and easy to see on the farm and in paddocks.



Venhart Premium Black

The carbon black additive in this conventional twine provides the best protection against UV degradation.



Venus Red

Our original small square twine, suitable for most small square baling applications. Made with ferric oxide for good visibility.



Cardinal Sisal Baler

The best quality, natural, long-fibred sisal baler with many environmental advantages, being less polluting than synthetic twines. Sisal is very popular with the wool and race horse industries. Treated with insect and rodent repellent and resistant to rotting and mildew. As with all sisal twines it should be stored in a dry place.

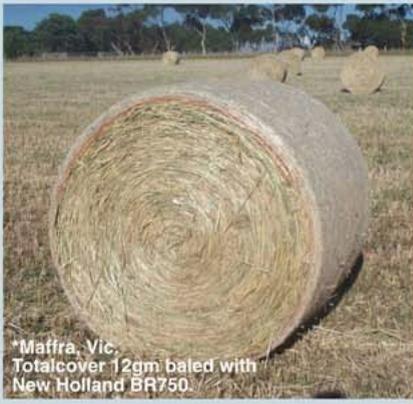


Contractors Packs

Venus Contractors Orange and Venhart Contractors Black small square baler twines - 1250 metres in each spool, 7500 metres in each 6 spool poly sleeve pack.



Near Silvan, Victoria



*Maffra, Vic.
Totalcover 12gm baled with
New Holland BR750

Recommended Minimum Wraps

ROUND BALES

Bale Diam. <TOTALCOVER> gms	4'(1.2m)				5'(1.5m)				6'(1.8m)			
	11	12	11	12	13	14	11	12	13	14		
	Minimum Wraps											
Hay	4	3.5	4.5	4	3.5	3	5	4.5	4	3.5		
Straw	4.5	4	5	4.5	4	3.5	5.5	5	4.5	4		
*Harsh Straw	5	4.5	5.5	5	4.5	4	6	5.5	5	4.5		
Silage	1.5	1.5	2	2	1.5	1.5						
#Chopped Silage	2	2	2.5	2.5	2	1.5						

*Harsh straw and stubble crops like sorghum, canola and sugar cane.

#Chopped silage may require more wraps due to its extra density and weight.

For low moisture content crops and high density cereal hay and straw crops use a stronger netwrap or add an extra ½ wrap.

For safer loading and transportation add an extra ½ wrap.

Nothing covers like

<TOTALCOVER>®

ROUND BALE NETWRAP

Knitted high density polyethylene (HDPE) netwrap for all models of round baler. **TOTALCOVER** consistently goes right to the edge of the bale (1.23m) and over the edge of the bale (1.3m). **TOTALCOVER** provides guaranteed length and strength to ensure maximum protection of the crop during baling, handling and transportation. **TOTALCOVER** comes in a variety of different weights so that the contractor and farmer can choose the right strength for the job from industry standard 270kgf break force for 11gm to industry leading 330kgf break force for 14gm. **TOTALCOVER** performs trouble free bale after bale providing superior bale coverage. Contractors who are judged by the bales they produce rely on **TOTALCOVER**. High UV stabilisation specially formulated for Australian conditions.



12gm 13gm 14gm

A variety of different weights allows you to choose the right strength for every job. The higher the weight per linear metre the higher the tensile strength.



This premium economy 11g netwrap makes it easy to produce strong, beautifully formed bales and saves you money, too.

Roll size (metres)	Break Force (kgf)	Kg per roll inc. CORE (approx)	Rolls per pallet	Bales per roll**
11gm per linear metre, black selvedge both ends				
1.23 x 3500	260	40.50	28	322
1.23 x 3150	260	36.65	28	289
TOTALCOVER GOLD 11gm per linear metre				
1.23 x 2100	270	25.10	32	193
1.23 x 3150	270	36.65	28	289
TOTALCOVER GOLD 11.5gm per linear metre				
1.30 x 2100	280	26.15	32	192
1.30 x 3150	280	38.23	28	289
12gm per linear metre, orange selvedge both ends				
1.23 x 2000	290	26.00	32	184
1.23 x 3000	290	38.00	28	275
12.7gm per linear metre, orange selvedge both ends				
1.30 x 2000	300	27.40	32	184
1.30 x 3000	300	40.10	28	275
13gm per linear metre, purple selvedge both ends				
1.23 x 2000	310	28.00	32	184
1.23 x 3000	310	41.00	28	275
13.74gm per linear metre, purple selvedge both ends				
1.30 x 2000	315	29.40	32	184
1.30 x 3000	315	43.10	28	275
14gm per linear metre, green selvedge both ends				
1.23 x 2000	330	30.00	32	184
1.23 x 3000	330	44.00	28	275
16gm per linear metre, orange selvedge both ends				
1.64 x 2000	380	34.00	32	184

*Bales per roll based on 5' diam. hay bales using 2.5 wraps.

Kilmore, Victoria.



Tough, adjustable webbing handles with strong buckles. Easier, safer, reusable.

OH&S WARNING

Possible lifting hazard. Roll weights quoted in the chart (right) are approximate. Use appropriate lifting method.



PowerStretch High Tack Silage Film



750mm x 1500m x 25um
(available in green & black)
500mm x 1800m x 25um green

750mm x 1650m x
22um green

Made in Europe. High instant tack for an air-tight seal with minimal tails. 70% more impact resistance, 35% more breaking strength and twice the tear resistance (transverse direction) of standard film prevents punctures and breaks. Uniform thickness prevents damage from hard stiff crops during wrapping, handling, stacking and storage. Excellent opacity and highly impermeable to air and water. 160kly UV resistance to suit Australian conditions (Min. 12 months).

Parameters*	Unit	SP Norm**	PowerStretch
Breaking strength MD#	Mpa	28	38
Breaking strength TD##	Mpa	25	33
Elongation at break MD#	%	400	550
Elongation at break TD##	%	600	750
Tear MD	Gram	150	175
Tear TD	Gram	400	850
Dynamic Impact Force	Gram	120	203

*Average values **SP = Swedish National Testing and Research Institute normal minimum values #MD = machine direction ##TD = transverse direction

PowerStretchXL

All the features of Powerstretch Silage Film in a longer, 1650 metre roll.

Venus POWER Silage Film



Made in Europe. UV stabilised to suit Australian conditions up to 180kly. (Min. 12 months). 320g tack for an air-tight seal with minimal tails. High 380g impact strength increases puncture resistance and reduces risk of damage during wrapping, handling and storage. High tear resistance, 780g transverse direction and 180g machine direction, reduces risk of breaks on high speed balers.

750mm x 1500m x 25 um
in green and black



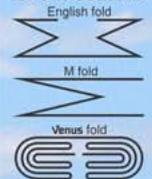
Venus Silage Pit Covers

The white layer reflects solar radiation to prevent excessive heating. The black layer faces inwards providing a barrier to ensure the pit maintains a stable temperature.



The co-extruded, 3 layer LDPE construction ensures lower oxygen transmission than mono layer covers. Lower gas and oxygen transmission produces silage with a higher nutrient value. Resistant to piercing, punctures and tearing. Minimal permeability to water. 200um covers can be used for 2 seasons. Also available in 150um for one season.

Length: 50 metres			
Cover width metres	Roll width metres	Weight kg	Folds
200 micron thick			
6	1.60	56.400	4 (M)
10	1.40	94.000	8 (Venus)
12	1.60	112.6 - 123.6	8 (Venus)
15	2.00	141.000	8 (Venus)
150 micron thick			
6	1.60	42.650	4 (English)
10	1.40	71.030	8 (Venus)
12	1.60	85.230	8 (Venus)
15	2.00	106.540	8 (Venus)
18	2.25	128.300	8 (Venus)
125 micron thick			
12	1.60	71.030	8 (Venus)
15	2.00	88.780	8 (Venus)
Length: 300 metres			
150 micron thick			
15	2.00	639 - 654	8 (Venus)



Venus Silage protective Net

Protect your silage bales and pit from damage caused by pecking birds and some small animals. Made from strong, stretchable, flexible HDPE (high density polythene) and coloured black using food approved pigments. UV stabilised and reusable for several seasons.

8 metres wide (folded to 500mm) x 25 metres long



Weight Gr/m ²	Breaking Strength kgf	Elongation %	Roll diam. mm	Core diam. mm	Roll weight kg	Rolls per pallet
26	8.5	20	300	76	6.4	80