



COTESI UK

Crop Baling

Crop Protection



Cotesi and the Environment

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Sustainability and Environment

This is how we care about the Planet

COTESI UK is an active member of APE UK. We want to help to provide farmers with a sustainable solution, being part of environmental schemes that allow a considerable increase of the quantity and the quality of plastics collected.

COTESI is engaged in the permanent implementation of policies and procedures according to the requirements of ISO 14001 – Environmental Management Systems.

Aware of the environmental impact of its industrial activities, COTESI promotes the following principles:

- Implementation of new and clean technologies in order to guarantee the continuous reduction and prevention of pollution, aiming to a sustainable development.
- Minimize the environmental risks in all sites
- Create awareness on all employees to their input so that our goals may be achieved
- Only use in our production, materials that are fully recyclable
- To develop new products, lighter but stronger, in order to minimize the amount of plastics in fields and seas of the world.

Crop Baling Baler Twine



Guidelines for choosing the right twine for your needs

The new generation of Square Balers, with speeds and pressures increasing every year, require a completely new range of extra strong baler twines. Please note these guidelines about COTESI Baler Twines.

- If you have one of the latest models of High Density or Ultra High Density Balers, we advise you to select our UNItch range. This is more relevant if you are baling straw for Power Stations or any other customer asking for HD or UHD bales.
- If you have a new or older baler model but you don't require high density bales, you can use our High Performance range.





About the UNITECH Technology

The latest technology in the production of High Density and Ultra High Density Baler Twines is now available, the COTESI UNITECH range.

A whole new extrusion system designed to stretch plastic as never before, while maintaining its molecular integrity during twisting and winding operations.

- UNIQUE for the Extrusion technology using the newest grades of Copolymers and Additives. Thermal and UV Protection.
- UNIQUE for the Increased Strength, with the higher Knot Strength experienced in the market.
- UNIQUE for its "Net Construction" providing the best fibrillation and softness, the best grip on knots, 20% stronger than any other twine with similar weight per meter.

**UNIQUE NET CONSTRUCTION
CREATING A SOFTER,
LONGER AND
STRONGER TWINE**



**A KNOT STRENGTH
20% HIGHER
THAN ANY
OTHER TWINE**



Ultra High Performance Baler Twine

For the new generation of HD and UHD balers

USE IT FOR

**HAY
GRASS
LOW DENSITY
BALES**



	SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
72+	2	7200	56
72+ XL	1	5700	72

**HIGH DENSITY
BALES**



	SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
BIG BALE+	2	7200	56
BIG BALE+ XL	1	4400	72

**ULTRA HIGH
DENSITY BALES**



	SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
UHD	1	3800	72

XL Spools: Use them if your baler can fit spools with 295 mm diameter and 370 mm high.

Crop Baling | Baler Twine Selection made easy

We try to make life easier for our customers, by offering 3 types of twine oriented for their specific needs:

- BB 72+ for Hay, Grass and Low Density Bales
- Big Bale+ for High Density and Ultra High Density

Each of these twines is sold in 2 presentations:

- Packs of 2 spools, with a pack length of 7200 feet
- Single Pack XL Spools, whenever you can fit bigger spools in your baler (approx. 295 mm diameter and 370 mm height).

In the case of the new 6 Knotters UHD Balers (Massey Ferguson 2370 UHD, Fendt Squadra 1290 UD) we recommend COTESI UHD, developed for these specific machines. Sold in a single XL spool pack.



Knot Strength
kgf
230



300



370

RECOMMENDED TWINES FOR DIFFERENT BALERS AND BALING CONDITIONS				
No OF KNOTTERS	HAY GRASS LOW DENSITY BALES	HIGH DENSITY BALES STRAW	ULTRA HIGH DENSITY BALES STRAW	
			X	X
4	BB72+ OR BIG BALE+	BIG BALE+ BIG BALE XL	X	X
6	BB72+		UHD	
8	BB72+		BIG BALE+	

ESTIMATED No OF PACKS NEEDED FOR 10000 BALES				TWINE REFERENCES				
BALE DIMENSIONS (m)								
WIDTH	HEIGHT	LENGTH	No OF KNOTTERS					
0,8	0,9	2,4	4	126	160	126	207	
1,2	0,7	2,4	6	178	225	178	291	337
1,2	0,9	2,4	6	189	239	189	310	359
1,2	0,9	2,4	8	253	319	253	413	

Recommended Twines

○ Lower Density Bales | ● Higher Density Bales



MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
870	80	70	5	Double	32			●		○
890	80	90	5	Double	32			●		○
1270	120	70	6	Double	32			●		○
1290 HDP XC	120	90	6	Double	32			●		○
1290 HDP	120	90	6	Double	32			●		○
1290 HDP NG	120	90	6	Double	30		●	●	○	○
1290 HDP II	120	90	8	Double	54		●	●	○	○
4x4	120	130	6	Single	32		●	●	○	○



MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
2250/ 2260/ 2290	120	70	6	Double	30		●	●	○	○
2170 / 2270	120	90	6	Double	30		●	●	○	○
2170 XD/2270 XD	120	90	6	Double	30		●	●	○	○
2370 UHD	120	90	6	Double	36	●	●		○	○



MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
870	80	70	4	Double	32			●		○
890	80	90	4	Double	32			●		○
1270	120	70	6	Double	32			●		○
1290	120	90	6	Double	32			●		○
1290 HD	120	90	6	Double	36		●	●	○	○
9090	120	130	6	Double	30		●	●	○	○

CLAAS

MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
4000	80	50	4	Single	16			○		○
4200 / 3200	120	70	6	Single	24			○		○
5200	120	70	6	Single	24		○	○	○	○
5300 / 3300	120	90	8	Single	24		○	○	○	○



MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
LSB 870	80	70	4	Single	24			○		○
LSB 890	80	90	4	Double	24			○		○
LSB 1270	120	70	6	Double	24			○		○
LSB 1290	120	90	6	Double	24			○		○
LSB 1290 iD	120	90	6	Double	24		○	○	○	○



MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
LB 324	80	70	4	Double	32			○		○
LB 334	80	90	4	Single	32			○		○
LB 424 XL	120	70	6	Double	32			○		○
LB 434 XL	120	90	6	Double	32			○		○
LB 436 HD	120	90	6	Double	32		○	○		○



MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
990	80	90	4	Double	30		○	○	○	○
1270	120	70	6	Double	30		○	○	○	○
1290 / 1290 XD	120	90	6	Double	30		○	○	○	○
1290 UD	120	90	6	Double	36	○	○	○		
12130	120	130	6	Double	30		○	○	○	○



MODEL	Bale Dimensions cm		KNOTTERS		No of SPOOLS	UHD	Big Bale+ XL	Big Bale+	72+XL	72+
	Width	Height	Number	Type						
L 624	120	70	6	Double	30			○		○
L 633	120	90	4	Double	30			○		○
L 634	80	90	6	Double	30			○		○



Crop Baling High Performance Baler Twine

Baler Twine for Round and Small Square Bales

Round Bales



	SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
COTESI FINE	2	22300	150

Small Square



	SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
COTESI MEDIUM	2	12000	80
COTESI HAY	2	10000	80

Natural Biodegradable twines



	SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
SISAL BALER	2	8000	60
SISAL BINDER	6	26000	40

Standard Density Big Balers Big Square Bales

Use these twines if you are baling with older machines like for example the MF 187, NH 9080 or previous versions.

Even if you have a modern baler but you are mainly baling Hay, Grass or Straw for Bedding, where high pressures can't be applied, you can use these twines.

Cotesi 7200

The twine that helped COTESI to establish its brand in the market, a combination of strength and reliability over the years.

Proven on every crop.
210 kgf Knot Strength



SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
2	7200	56

Platinum XL

Initially developed for MF balers, it was the first twine used on what became the start of HD balers. 270 kgf Knot Strength, used mainly on crops of straw or miscanthus.

To be able to use this twine, please check if you can fit in your baler, spools with 295 mm diameter x 370 mm high.



SPOOLS PER PACK	FEET PER PACK	PACKS PER PALLET
1	4700	72

BRAND	MODEL	KNOTTERS		No of SPOOLS	PLATINUM XL	BIG BALE 7200	MEDIUM 12000	HAY 10000	SISAL
		NUMBER	TYPE						
	1835	2	Single	4			○	○	○
	1837	2	Single	4			○	○	○
	1839	2	Single	6			○	○	○
	186	6	Double	30		○			
	187	6	Double	30	○	○			
	190	8	Double	30	○	○			
	Markant 55 / 65	4	Single	16			○	○	○
	1100	6	Single	24		○			
	1200	6	Single	24		○			
	BC 5050/60	2	Single	4 - 6			○	○	○
	BC 5070/80	2	Single	8 - 8			○	○	○
	9040 / 9050	4	Double	16		○			
	9060	4	Double	30		○			
	9080	6	Single	30		○			
	SB 521	2	Single	4			○	○	○
	SB 531	2	Single	6			○	○	○
	SB541	2	Single	8			○	○	○
	LB 324	4	Single	16		○			
	LB 334	6	Single	16		○			
	LB 424	6	Single	16		○			
	328/338/348	2	Single	4			○	○	○
	L330 / L340	6	Double	30		○			
	L 1424 / L 1434	6	Double	24		○			
	L 1533	4	Double	24		○			
L 1524	6	Double	24		○				
L 1534	6	Double	24		○				



Crop Baling Netwrap

COTESI started the production on Netwrap 30 years ago. Over the years, new raw materials, additives and machinery were developed to meet the constant challenge of the new balers and customer expectations.

- The **MAXICOVER** brand entered the UK market and is now an established product.
- In 2020, we introduced a new and revolutionary type of net, with an innovative and patented construction. **The CROSS X-Pand Netwrap.**

Crop Baling | Netwrap

Cross X-Pand

This is the only Cross Thread Net construction in the market.

With this innovative new design, Cross X-Pand will protect your crop in a much better way. This is why:

An Improved Smooth Surface, because you will have the double of threads in contact with the crop.

If you apply wrap on the bale, plastic will have a better adhesion due to the smoother surface.

Double threads prevent net openings.

A better crop protection, with a net designed to expand up to 2 inches over the edge of the bale.

Cross X-pand rolls are supplied with 2 friendly handles.

The Cross Thread construction with a double density of tapes.

- Better spread of the net on the whole surface of the bale
- The net will not open if tapes are caught on rollers and belts



The crop is covered by a double number of tapes

- Extra protection
- Better adhesion of the stretch film



USE IT FOR

HAY
SILAGE
STRAW

	METERS PER ROLL	ROLLS PER PALLET
CROSS X-PAND	3600	28



Crop Baling | Netwrap

Maxicover

A Netwrap with a standard thread construction, well known in the market and performing on every baler and baling condition.

The result of 30 years of constant development and accumulated know-how.

Standard Thread Construction Net

- Produced using a combination of advanced polymers with high tenacity threads
- Maximum performance, designed to spread through the whole surface of the bale, covering up to 2 inches over the edge.



USE IT FOR

HAY
SILAGE
STRAW

	METERS PER ROLL	ROLLS PER PALLET
MAXICOVER 3000	3000	32
MAXICOVER 3600	3600	28



About Netwrap

Design

Netwrap is produced with a combination of knitted threads in both longitudinal (the warp) and transverse directions (the weft).

The performance of the net is the result of how the threads behave when the bale is made.

Maxicover is a net with a very standard design, where you can see the vertical longitudinal threads and the transverse threads forming triangles covering the crop.

Cross X-pand is a net with a unique patented design, where you can see the same vertical longitudinal threads but the cross transverse threads forming double triangles covering the crop much better.



MAXICOVER



CROSS X-PAND

Performance

Both Maxicover and Cross X-Pand are designed to spread over the bale, covering up to 2 inches over the edge.

We don't want the net to spread too much and make opening of the bale difficult if the net is caught below, especially in colder environments.

Both types of net perform in every baler. But Cross X-Pand has a unique feature, that makes it different from any other net.

With Cross X-pand, even if the net is caught by rollers or belts, the cross thread construction prevents the netwrap from opening. This may happen with Maxicover or any other net produced with the same design.



CROSS X-PAND



MAXICOVER

Performance of the net is linked to the type of crop, diameter of the bale and baling conditions.

Please note our recommendations

	Silage	Hay	Straw
Number of Wraps	2 - 2.5	3 - 3.5	4 - 5

Strength

Strength of the Netwrap is given by the joint combination of the longitudinal (warp) and transverse (weft) threads. Only if both set of threads are strong enough, the net performs as expected.

If any fail, the performance of the net will be affected and you will notice on the finished bale, with the bad consequences this may have.

Warp threads are responsible for holding the net when handling with forks or piled on the stacks.

Weft threads are responsible for ensuring the spread of the net when the bale is formed, holding its shape when it is handled with grabs and on the stacks when stored.

Features



Quality Number

All COTESI products carry an individual Quality Control Number, ensuring a full traceability. Please refer to this number on the labels inside the core if needed.



Edge Markers

Our netwrap is produced with unique and distinctive roll identification, for easier loading on the baler and lifetime control in the field.



Extra Strength

All our Netwraps provide the highest resistance and tenacity, adapted to every baling conditions.



UV Protection

All products manufactured have UV and Thermal Additives for full protection during the expected lifetime.



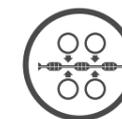
Waterproof Cardboard Centres

All cores used on our netwrap rolls are produced from solid paper, fully waterproof for guaranteed performance.



Guaranteed Length

All netwraps are manufactured with full control of the length stated on the wrapper.



Plastic Spacers

Spacers on the pallet guarantee the pallet stability during storage and transport.



Storage

Whenever possible, keep our products dry and protected from the sun, store under the roof.



Roll End Warning Stripe

The red warning marker on the last 50 meters prevent running out of net.



Carry Handles

Carry Handles on Cross X-pand Netwrap allow an easier handling of the net.

Crop Baling | **Stretch Film** **Balpaq**

Stretch Film is a Blown, 7 Layers Film, designed for High Speed Wrappers.

- The Blown Film technology allows a much better performance in both longitudinal and transverse direction, very important when baling square bales where corners are very aggressive.
- The 7 layers provide an extra protection and an improved puncture resistance, higher than on 5 or 3 layers.
- High Stretch capability.
- Minimum losses of Carbon Dioxide (CO₂) and Oxygen penetration.
- UV Stabilized for 1 year.
- Maximum Adhesive Additives to guarantee air and water resistance between layers, so that silage fermentation can be excellent.
- High Impact Resistance Cardboard and Plastic cores, fully recyclable.



COTESI BALPAQ[™] SUPER
7 LAGEN

DE Bollen-Wickelfolie
Biafolie

Faltenbreite:	750 mm
Faltenstärke:	25 µm
Folienlänge:	1500 m

COTESI

COTESI BALPAQ[™] SUPER
7 LAYERS

EN Silage Stretchfilm
Blown Film

Width:	750 mm
Thickness:	25 µm
Length:	1500 m

COTESI

FOR HIGH SPEED WRAPPERS	BALPAQ SUPER
12 MONTHS UV PROTECTION	750mm
BLACK GREEN AND WHITE	1500m
PLASTIC OR CARDBOARD CORE	25 microns
	40 ROLLS PER PALLET IN BOXES

Crop Protection

Silonet and Silobags

For a Better Silage Protection on Bunker Silos



SILONET

Is a fabric produced from highly resistant polyethylene (HDPE), designed to secure the whole surface of your silo against external attacks of all kind.

A 7 Year UV Guarantee, eliminates the use of tyres and physical contamination on the silage.

Very resistant to abrasion and tearing.

Product Description:

Weight/m²: 220 gr

Composition: High Density Polyethylene Mono-filament

Colours: Dark Green

Weave: Special loops to pass ropes through for improved security

Strength: 4.2 Ton/m²

Sizes: 10 x 12 m 14 x 16 m
10 x 25 m 15 x 18 m
12 x 15 m 18 x 20 m

SILOBAGS

Are produced with highly resistant polyethylene monofilaments, intended to be filled with gravel and eliminating the use of tyres.

A good hold of the silage sheet and net over the silo, keeping the air tightness.

Advantages and Tips:

- Water drains alone, it does not freeze on spot.
- 7 years UV Guarantee
- Handles for an easy handling
- Store under cover, on a pallet when not in use, away from rodents.

Sizes: 27 x 120 cm (designed to be filled up to two thirds of its capacity with approximately 16 kg of non-sharp gravel)

Crop Protection Crop Covers | SUBTEX

For a Better Crop Stack protection



SUBTEX

Is a Heavy Non Woven polypropylene fabric, designed to protect Hay and Straw on stacks. A smooth outer face to prevent water in the stack, a rough inner face for a better adhesion to the crop on the stack.

Advantages and Tips:

- 4 Years UV Guarantee
- It breathes, moisture escapes through
- Resistant to tearing and high winds
- Place bales creating an angle as shown.
- Fabric should be stretched.
- Use a Clackpack adptor or a Silobag to secure, always above ground.
- Leave a space between stack and the fabric to create ventilation underneath if possible.
- When positioning, please ensure to create a minimum slope of 45° so that water slides perfectly.

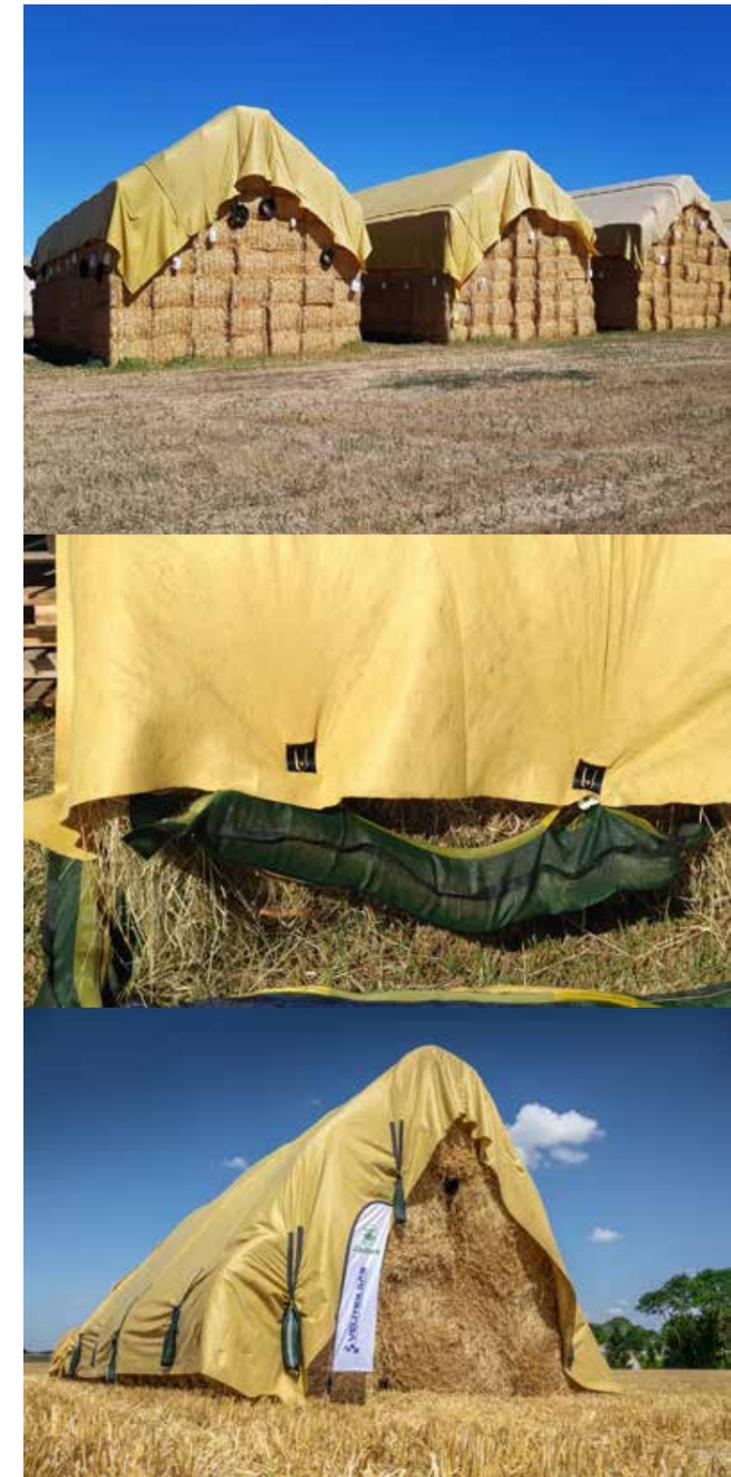
Sizes:

Round Bales: 10.4 x 25 m

Square Bales: 15.6 x 25 m 18 x 25 m



www.cotesi.co.uk





Our partner near you

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