



## PRODUCT RANGE







Since its foundation in 1991 HIPAC has focused exclusively on one packaging sector, with the aim of becoming “the” specialist for stretch film.

Hipac produces high performance stretch films, tailored to protect any type of industrial good during storage and transportation.



HI.LAB






HI.LAB is the Research and Development centre of the Group.  
A state-of-the-art laboratory,  
equipped with all the latest generation instruments  
for the physical and mechanical analysis of stretch film.

# PRODUCTS OVERVIEW



## STRETCH FILMS FOR PALLET WRAPPING AND COLD BUNDLING.

HIPAC <b>TRADITIONAL</b> STRETCH FILMS		HIPAC <b>PREMIUM</b> STRECHT FILMS	
WRAPPING MACHINES WITHOUT PRESTRETCH GROUP OR HAND WRAP	WRAPPING MACHINES WITH PRESTRETCH GROUP	WRAPPING MACHINES WITHOUT PRESTRETCH GROUP OR HAND WRAP	WRAPPING MACHINES WITH PRESTRETCH GROUP
310 – BASIC (125%)	888 – POWER (220%)	555 – RIGID (120% - 15 µm)	333 – RIGID POWER (240% - 15 µm)
308 – STANDARD (145%)	777 – POWER PLUS (270%)		111 – SUPER POWER (350%)
388 – STANDARD PLUS (165%)		999 EXTRA RIGID – (15% - 8 µm)	112 – SUPER POWER PLUS (> 400%)
		 C200 - C400 - C600 SERIES	

Figures refer to 23 µm film (unless otherwise specified)





## HI.GREEN

Sustainable solutions for the implementation of circular economy and the reduction of the carbon footprint. Our vision for a greener future.

### IRELIVE

Stretch films made of Post Consumer and/or Post industrial Recycled materials, mechanically recycled from highly selected waste materials of the stretch application.

### IRENEW

Stretch films made of Polyethylene obtained from renewable, non-fossil sources.

### IREOLVE

Biodegradable, non-compostable stretch film, in compliance with ISO 15985 international standard and equivalent.

### NETROLL®

Available for all the product range, the technology to produce reels without a paper core.

**Zero waste materials.**

# 310

BASIC

FOR HAND WRAPPING  
AND  
WRAPPING MACHINES  
**WITHOUT** PRESTRETCH

# 308

STANDARD

# 388

STANDARD **PLUS**

## TRADITIONAL

Our traditional films  
for standard applications



Fully  
recyclable



Safe  
transportation



Protection  
of the goods





BASIC "ENTRY - LEVEL"  
STRETCH FILM

**STRETCH 125% (FOR 23 µm)**

**310**  
BASIC

STANDARD STRETCH FILM  
FOR GENERAL APPLICATION

**STRETCH 145% (FOR 23 µm)**

**308**  
STANDARD

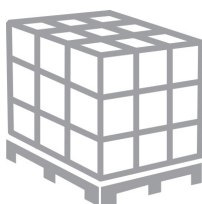
STANDARD PLUS STRETCH FILM  
WITH HIGH RESISTANCE  
TO PERFORATION

**STRETCH 165% (FOR 23 µm)**

**388**  
STANDARD PLUS

## SUGGESTIONS

**Regular  
pallet (A)**



310 23 µm  
308 20 µm  
388 17 µm

**Slightly irregular  
pallet (B)**



308 23 µm  
388 20 µm

**Very irregular  
pallet (C)**



388 23 µm

## OUR PREMIUM UPGRADE

**555**

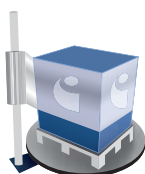
RIGID

PREMIUM

HALF THICKNESS  
vs STANDARD FILM  
SAME PERFORMANCE

Discover 555 at page **10**

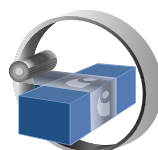
## USAGE INFORMATION



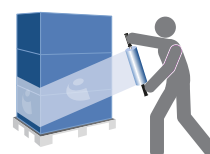
Rotating  
table



Robot



Horizontal  
rotating ring



Hand  
wrapping

888  
POWER

777  
POWER PLUS

FOR WRAPPING  
MACHINES  
WITH **PRESTRETCH**

**TRADITIONAL**

Our traditional films  
for power applications



Fully  
recyclable



Safe  
transportation



Protection  
of the goods





POWER FILM FOR "ENTRY - LEVEL"  
WRAPPING MACHINES  
WITH MEDIUM PRESTRETCH

PRESTRETCH 220% (FOR 23µm)

**888**  
POWER

POWER PLUS FILM WITH HIGH  
PRESTRETCHABILITY AND  
IMPACT RESISTANCE

PRESTRETCH 270% (FOR 23µm)

**777**  
POWER PLUS

## SUGGESTIONS

**Regular  
pallet (A)**



888 20 µm  
777 17 µm

**Slightly irregular  
pallet (B)**



888 23 µm  
777 20 µm

**Very irregular  
pallet (C)**



777 23 µm

## OUR PREMIUM UPGRADE

**333**  
PREMIUM

TO REPLACE  
POWER FILM  
SAVING UP TO  
35% MATERIAL

**111**  
PREMIUM  
**112**  
SUPER POWER PLUS  
PREMIUM

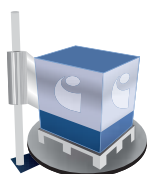
TO REPLACE POWER  
PLUS AND SUPER POWER  
FILMS SAVING UP TO 25%  
MATERIAL

Discover 333 at page 12

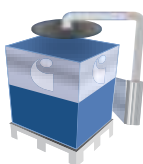
Discover 111 at page 14

Discover 112 at page 16

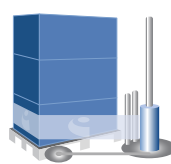
## USAGE INFORMATION



Rotating  
table



Rotating  
arm



Robot



Horizontal  
rotating ring

# 555

RIGID

FOR HAND WRAPPING  
AND FOR  
WRAPPING MACHINES  
**WITHOUT** PRESTRETCH

## PREMIUM

Our sustainable solution to replace traditional standard films allowing **thickness downgauging** whilst maintaining the **stability** and the safety **of the load unit**.

The lower film consumption can  
**reduce your  
packaging costs by up to  
40%**



Fully  
recyclable



Easy and comfortable  
hand application



Safe  
transportation



40%  
cost saving



Protection  
of the goods



Reduction  
of CO<sub>2</sub> emissions



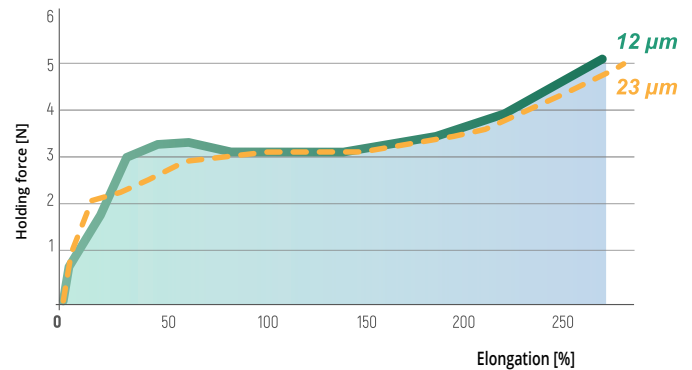
# PREMIUM FILM 555 RIGID ALLOWS 50% THICKNESS DOWNGAUGING COMPARED TO TRADITIONAL STANDARD FILMS

## HALF THICKNESS SAME PERFORMANCE



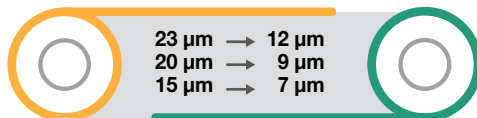
## TECHNICAL INFORMATION

555 RIGID maintains the same pallet stability as your standard film



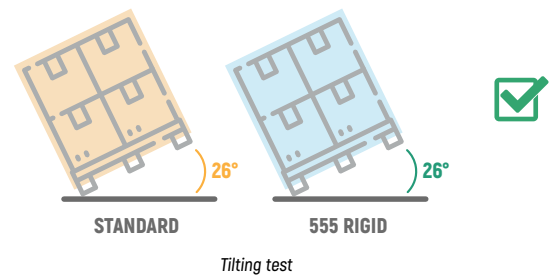
## SUGGESTIONS

### STANDARD FILM





### 555 RIGID

## THE LOAD UNIT IS IN COMPLIANCE WITH EN 12195 GUIDELINES



## CUSTOMER FIELD TEST - BUILDING MATERIALS

		PRODUCT	THICKNESS	NUMBER OF WRAPS	HOLDING FORCE	HOLDING FORCE DIFFERENCE	FILM CONSUMPTION	FILM SAVING
	Rotating table Stretch: 30%	STANDARD FILM	23 µm	11	15.3 kg		383 g	
	LOAD UNIT TYPE Profile "A", regular Weight: 650 kg	HIPAC 555	12 µm	11	15.7 kg	+ 3%	168 g	56%

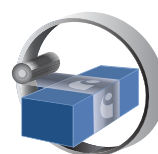
## USAGE INFORMATION



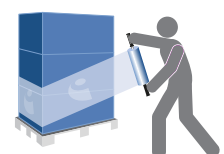
Rotating table



Robot



Horizontal rotating ring



Hand wrapping

# 333

RIGID POWER

FOR "ENTRY LEVEL"  
WRAPPING MACHINES  
WITH **MEDIUM PRESTRETCH**

## PREMIUM

Our sustainable solution to replace traditional power films allowing **thickness downgauging** whilst maintaining the **stability** and the safety **of the load unit**.

The lower film consumption can  
**reduce your  
packaging costs by up to  
30%**



Fully  
recyclable



No changes on the  
wrapping machine



Safe  
transportation



30%  
cost saving



Protection  
of the goods



Reduction  
of CO<sub>2</sub> emissions

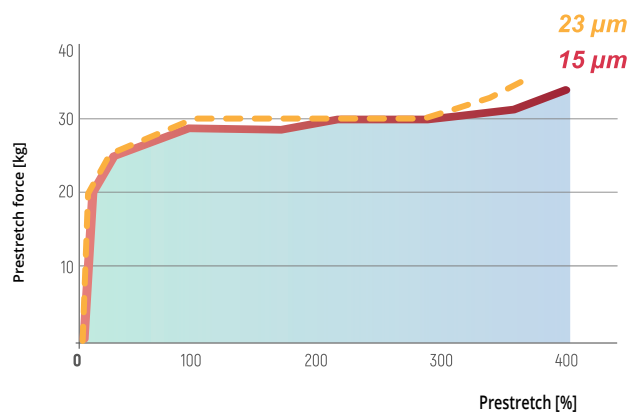


## PREMIUM FILM 333 RIGID POWER ALLOWS 35% THICKNESS DOWNGAUGING COMPARED TO TRADITIONAL POWER FILMS

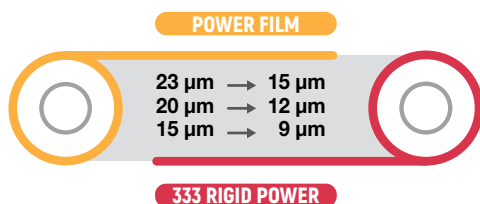


### TECHNICAL INFORMATION

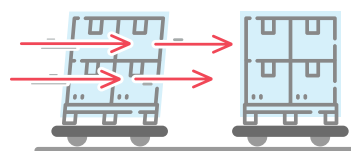
— **333 RIGID POWER** maintains the same pallet stability —  
as **your power film**



### SUGGESTIONS



THE LOAD UNIT IS IN COMPLIANCE WITH EUMOS 40509

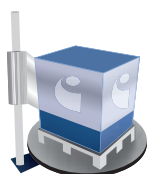


0,5g

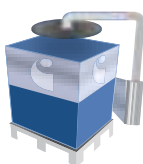
### CUSTOMER FIELD TEST - BEVERAGE

		PRODUCT	THICKNESS	NUMBER OF WRAPS	HOLDING FORCE	HOLDING FORCE DIFFERENCE	FILM CONSUMPTION	FILM SAVING
	Rotating arm Prestretch: 150%	POWER FILM	23 µm	26	11.65 kg		435 g	
	LOAD UNIT TYPE Profile "A", regular Weight: 750 kg	HIPAC 333	15 µm	26	14.86 kg	+ 28%	263 g	40%

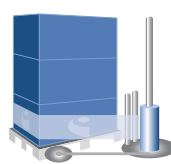
### USAGE INFORMATION



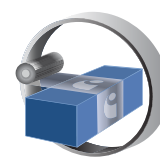
Rotating table



Rotating arm



Robot



Horizontal rotating ring

# 111

SUPER POWER

FOR AUTOMATIC  
WRAPPING MACHINES  
WITH **HIGH PRODUCTIVITY**  
AND **HIGH PRESTRETCH**

## PREMIUM

Our sustainable solution to replace traditional super power films allowing **thickness downgauging** whilst maintaining the **stability** and the safety **of the load unit**.

The lower film consumption can  
**reduce your  
packaging costs by up to  
20%**



Fully  
recyclable



Efficient  
and reliable



Safe  
transportation



20%  
cost saving

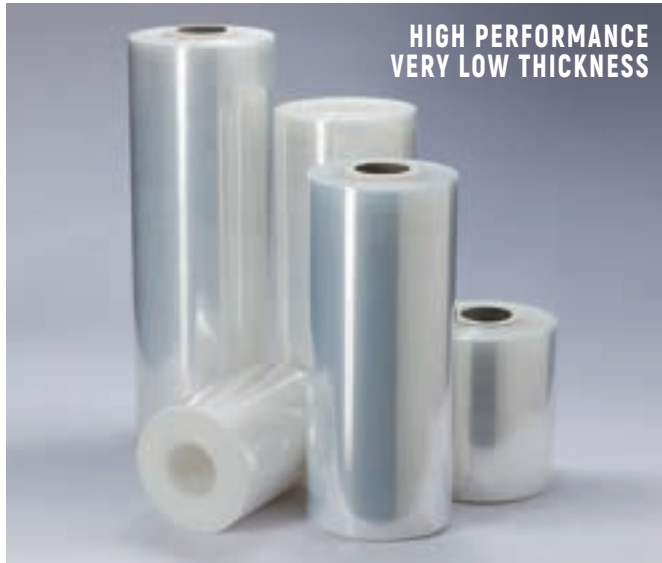


Protection  
of the goods



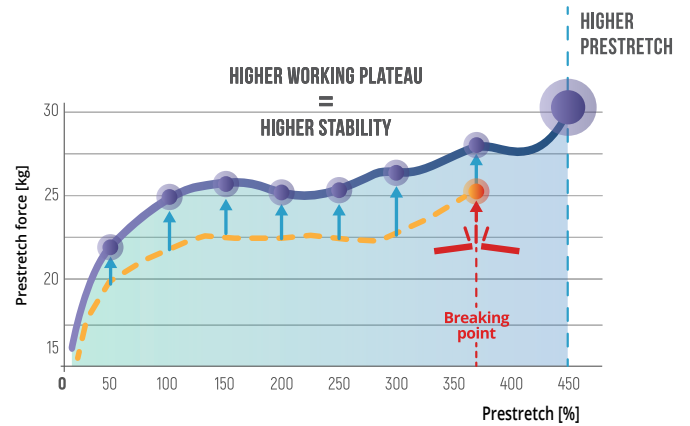
Reduction  
of CO<sub>2</sub> emissions

# PREMIUM FILM 111 SUPER POWER IS IDEAL FOR HIGH PRODUCTIVITY APPLICATIONS

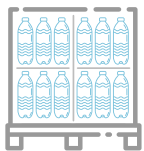


## TECHNICAL INFORMATION

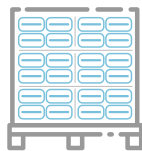
111 FILM vs traditional super power  
(17 µm)



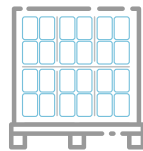
## SUGGESTIONS



Beverage  
17 µm

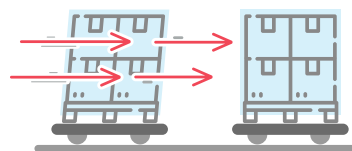


Bags  
15 µm



Tissue  
12 µm

THE LOAD UNIT IS IN COMPLIANCE WITH EUMOS 40509



Acceleration Bench Test



0,5g

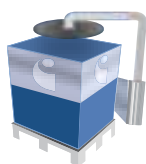
## CUSTOMER FIELD TEST - BEVERAGE

		PRODUCT	THICKNESS	NUMBER OF WRAPS	HOLDING FORCE	HOLDING FORCE DIFFERENCE	FILM CONSUMPTION	FILM SAVING
	Automatic Rotating Ring Prestretch: 250%	SUPER POWER FILM	23 µm	25	9.73 kg		377 g	
	LOAD UNIT TYPE Profile "A", regular Weight: 900 kg	HIPAC 111	17 µm	25	10.22 kg	+ 5%	258 g	32%

## USAGE INFORMATION



Rotating table



Rotating arm



Rotating ring



Robot



Horizontal rotating ring



# 112

SUPER POWER PLUS

FOR AUTOMATIC  
WRAPPING MACHINES  
WITH **VERY HIGH  
PRESTRETCH**

## PREMIUM

- OVER 400% -

Our sustainable solution to replace traditional Super Power films, specially designed to achieve **extremely high prestretch** in **very low thickness**.

The lower film consumption can  
**reduce your  
packaging costs by up to  
25%**



Fully  
recyclable



Extremely high  
prestretch



Safe  
transportation



25%  
cost saving



Protection  
of the goods



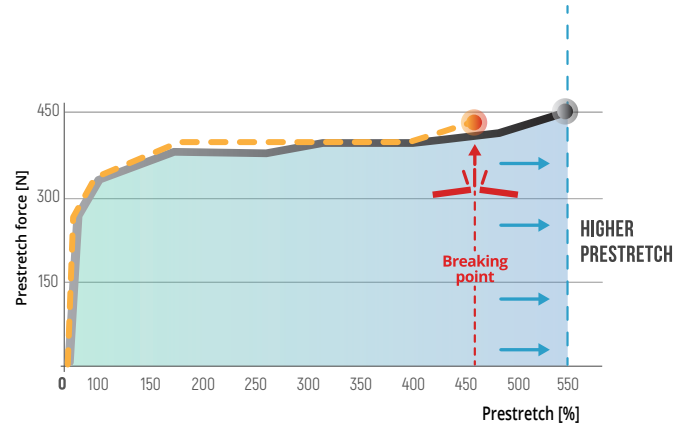
Reduction  
of CO<sub>2</sub> emissions

# PREMIUM 112 IS IDEAL FOR EXTREMELY HIGH PRESTRETCH APPLICATIONS



## TECHNICAL INFORMATION

112 FILM vs traditional super power  
(17  $\mu\text{m}$ )



## SUGGESTIONS

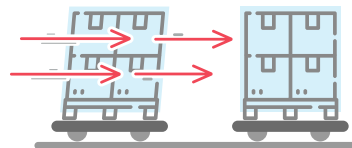
Try our 112 in very low thickness

GUARANTEED PRESTRETCH



112 SUPER POWER PLUS

THE LOAD UNIT IS IN COMPLIANCE WITH EUMOS 40509





Acceleration Bench Test



0,5g

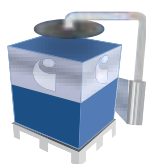
## CUSTOMER FIELD TEST - GOODS IN BOXES

		PRODUCT	THICKNESS	NUMBER OF WRAPS	HOLDING FORCE	HOLDING FORCE DIFFERENCE	FILM CONSUMPTION	FILM SAVING
	Robot Adjustable prestretch Up to: 500%	SUPER POWER FILM	15 $\mu\text{m}$ 230% PS	19	14.46 kg		155 g	
	LOAD UNIT TYPE Profile "A", regular Weight: 500 kg	HIPAC 112	12 $\mu\text{m}$ 300% PS	19	13.95 kg	=	105 g	32%

## USAGE INFORMATION



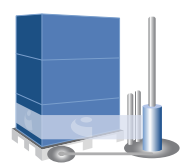
Rotating table



Rotating arm



Rotating ring



Robot

**999**  
EXTRA RIGID

FOR **HAND WRAPPING**  
AND FOR  
**WRAPPING MACHINES**  
**WITHOUT PRESTRETCH**

**PREMIUM**

Gives the load unit excellent stability together with material saving and environmental protection.

999 is available in very low thickness (from 5  $\mu\text{m}$ ).



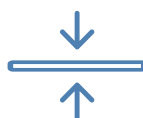
Fully  
recyclable



Easy and comfortable  
hand application



Safe  
transportation



Very low  
thickness



Protection  
of the goods



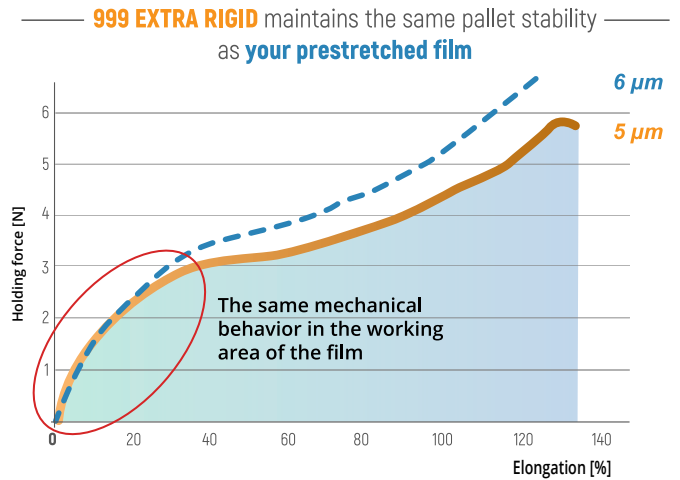
Reduction  
of CO<sub>2</sub> emissions



# PREMIUM FILM 999 PRESTRETCHED IS IDEAL FOR PICKING IN LOGISTICS CENTRES

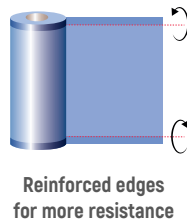
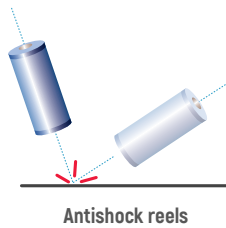
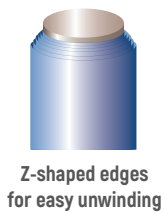


## TECHNICAL INFORMATION

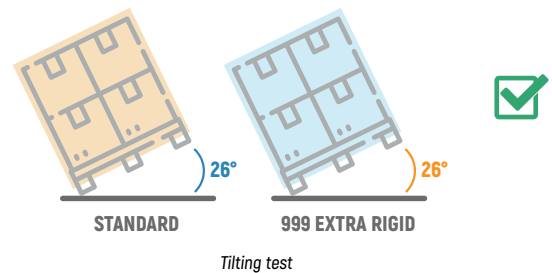


## SUGGESTIONS

### 999 EXTRA RIGID



### THE LOAD UNIT IS IN COMPLIANCE WITH EN 12195 GUIDELINES



## CUSTOMER FIELD TEST - PICKING

		PRODUCT	THICKNESS	NUMBER OF WRAPS	HOLDING FORCE	HOLDING FORCE DIFFERENCE	FILM CONSUMPTION	FILM SAVING
	Hand wrapping	PRE-STRETCHED	6 µm	12	9.00 kg		94 g	
	LOAD UNIT TYPE Profile "A", regular Weight: 400 kg	HIPAC 999	5 µm	12	8.9 kg	=	76 g	19%

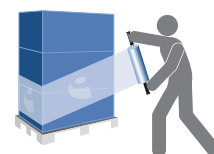
## USAGE INFORMATION



Rotating table



Robot



Hand wrapping



## OUR SUSTAINABLE ALTERNATIVE TO SHRINK FILMS FOR MULTIPACK INDUSTRY APPLICATIONS

The Collation Stretch family incorporates Hipac solutions for the cold bundling machines working with stretch film.

The lower film and energy consumption can **reduce your packaging costs by up to 40%**



Fully  
recyclable



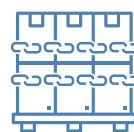
Brand recognition



Elimination of the  
heating tunnel



50%  
material saving



Improved  
pallet stability



Reduction  
of CO<sub>2</sub> emissions

# COLLATION STRETCH ALLOWS 50% THICKNESS DOWNGAUGING AND 90% ENERGY SAVING (NO HEAT TUNNEL)

## CASE STUDIES

### WATER



FILM - C202TA500N12

SHRINK FILM  
COLLATION STRETCH  
MATERIAL SAVING

21 g  
11 g  
**47%**

### DIAPERS

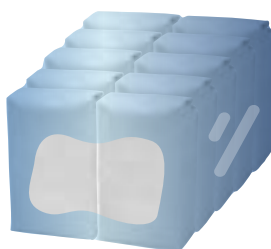


FILM - C605TA580N15

SHRINK FILM  
COLLATION STRETCH  
MATERIAL SAVING

30 g  
14 g  
**53%**

### FLOUR



FILM - C201TA500N9

SHRINK FILM  
COLLATION STRETCH  
MATERIAL SAVING

30 g  
12 g  
**60%**

### VITAMINS



FILM - C606TA70N40

SHRINK FILM  
COLLATION STRETCH  
MATERIAL SAVING

1,5 g  
1 g  
**33%**

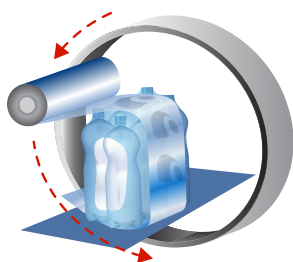
## PRODUCT FAMILY

### C200 SERIES

For horizontal rotating rings  
without pre-stretch

width: 200, 250, 330, 375, 450, 500 mm

thickness: from 7 to 15 µm



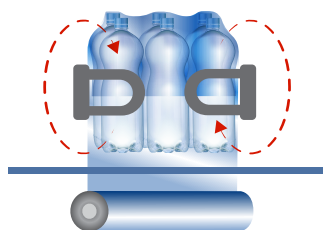
C200 - Rotating Ring

### C400 SERIES

For wrapping machines  
with pre-stretch

width: 250, 450, 500, 650, 750 mm

thickness: from 9 to 17 µm



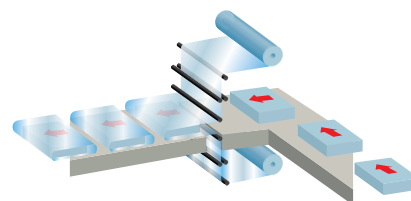
C400 - Rotating Goods

### C600 SERIES

For stretch bundler machines

width: tailor made solutions depending  
on the pack

thickness: from 12 to 35 µm



C600 - Bundler



## THE STRETCH FILM FOR ECOBALE WRAPPING

Ecobales can have sharp edges and protrusions that require a special film with high puncture resistance. The storage, often outdoors, requires a UV-resistant and weatherproof film.

The advantages of ECOSTRETCH film:

- EFFICIENT AND RELIABLE
- HIGH PUNCTURE RESISTANCE
- HIGH PROTECTION FROM UV RAYS AND WEATHERING

HIPAC's ECOSTRETCH film is:

- AVAILABLE IN BLACK AND WHITE (OTHER COLORS UPON REQUEST)
- AVAILABLE WITH 30% POST-CONSUMER AND/OR POST-INDUSTRIAL RECYCLED PLASTIC, CERTIFIED WITH THE GREEN LABELS "PLASTIC SECOND LIFE MIX ECO" AND "AENOR"



**AENOR**



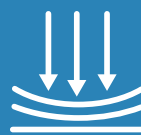
Fully  
recyclable



Efficient  
and reliable



High UV  
protection



High  
tenacity



Scan the QR code to watch the  
EcoStretch application

## THE **SILAGE** STRETCH FILM

AGRHIPAC protects the bale and ensures the preservation of silage products to maintain the nutritional properties of the forage.



### TYPES

Premium  
Standard

### THICKNESSES

25  $\mu$ m  
22  $\mu$ m  
20  $\mu$ m

### FORMATS

25  $\mu$ m - 750 mm width  
1500 meters/reel  
25  $\mu$ m - 500 mm width  
1800 meters/reel  
22  $\mu$ m - 750 mm width  
1700 meters/reel  
22  $\mu$ m - 500 mm width  
2000 meters/reel  
20  $\mu$ m - 750 mm width  
2000 meters/reel



### AGRHIPAC's features are:

- High adhesiveness
- High puncture and tear resistance
- High rigidity
- AUV protection for 12 months
- Low film permeability (oxygen and water)
- Reliability and quality consistency during application and storage
- Suitable for round and square bales
- Colours available: green, white and matt black (other colours available on request)







FOR HAND AND MACHINE FILMS

## ECOFRIENDLY SOLUTION WITHOUT PAPER CORE

THE INNOVATIVE TECHNOLOGY  
TO "ZERO" YOUR WASTE



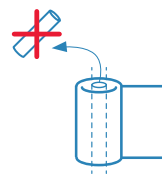
Fully  
recyclable



Light  
and comfortable



Economic



Elimination of  
the paper core



Reduction  
of CO<sub>2</sub> emissions



Water footprint  
reduction

**NETROLL TECHNOLOGY IS AVAILABLE  
FOR HAND AND MACHINE FILMS**



**NO CORE, SAME PERFORMANCE**



Use it as a traditional reel with the new dispenser **HANDYNET**.



Use it as a traditional reel as it fits all the wrapping machines.

**ADVANTAGES**

**USER FRIENDLY**

Same performance  
as core films

---

Reels are lighter, easy to  
handle and safe

**ECONOMIC**

The reel is cheaper

---

No more green taxes on the  
paper core

---

No disposal costs on the  
paper core

---

Optimization of logistics  
transport costs

**SUSTAINABLE**

Reduction in CO<sub>2</sub>  
emissions

---

Reduction in energy  
consumption

---

Reduction in water  
footprint





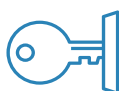
# ►EASYNET◀

## THE ADAPTER FOR NETROLL MACHINE FILM

IT ALLOWS NETROLL MACHINE FILM  
TO FIT ALL WRAPPING MACHINES  
WITH TOP REEL LOADING.



Fully  
recyclable



Universal



Customized

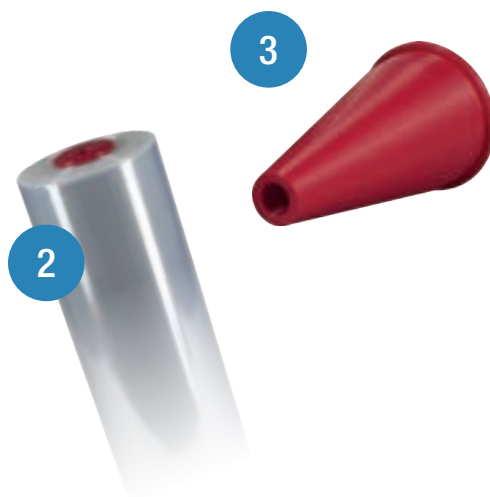
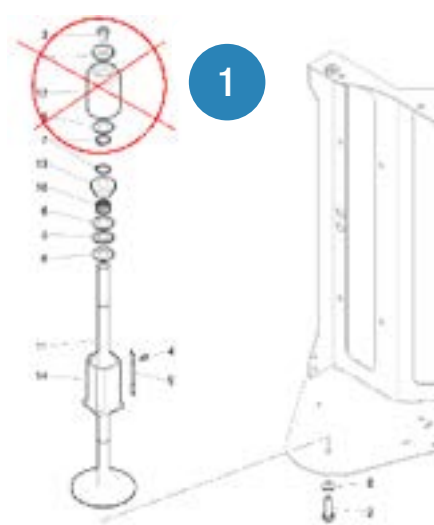


Ecological

**EASYNET IS A QUICK AND SUSTAINABLE SOLUTION TO USE MACHINE NETROLL FILM WITH MOST OF THE WRAPPING MACHINES AVAILABLE IN THE MARKET. THERE IS NO NEED TO CHANGE THE REEL HOLDER OF THE MACHINE.**



## HOW TO USE EASYNET



- ① Unscrew and remove the reel holder at the upper section of the spool carriage.
- ② Put the **NETROLL** reel on the machine, as usual.
- ③ Fit **EASYNET** adapter on top.

### UNIVERSAL

It allows **NETROLL** machine film to fit all wrapping machines.

### CUSTOMIZED

With your own colour and brand.

### ECOLOGICAL

Made of bio material, obtained from renewable sources.





# ▶HANDYNET◀

## THE DISPENSER FOR HAND FILM

HIPAC HAS DEVELOPED  
THE DISPENSER FOR HAND NETROLL FILM,  
450 AND 500 MM WIDTH.

A SOLUTION  
TO WRAP YOUR PALLETS IN A SAFER  
AND EASIER WAY!



Fully  
recyclable



Easy and comfortable  
hand application



Reuse  
Zero waste



Customized



Reduction  
of CO<sub>2</sub> emissions



Light  
and comfortable

THE DISPENSER IS MADE OF A SPECIAL POLYOLEFIN PE/PP MIX, TO GIVE IT **LIGHTNESS AND SHOCK RESISTANCE** AT THE SAME TIME. IT IS **FLEXIBLE AND ADJUSTABLE** TO THE HOLE OF THE REELS. ITS DUMBBELL SHAPE AND THE ROTATION OF THE HANDLES GUARANTEE A **SMOOTH UNWINDING OF THE REEL**.



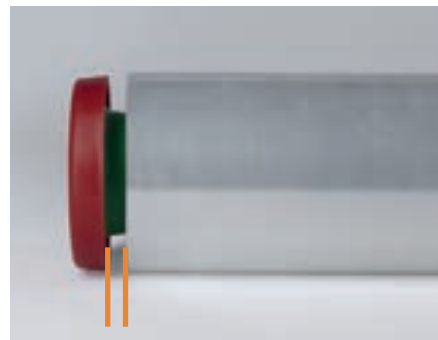
## LIGHT AND FLEXIBLE



## ANTISHOCK



Its peculiar shape has been especially developed to **avoid the damage of the reels** both during the wrapping process and in the case the reel is mishandled or falls.



### EASY

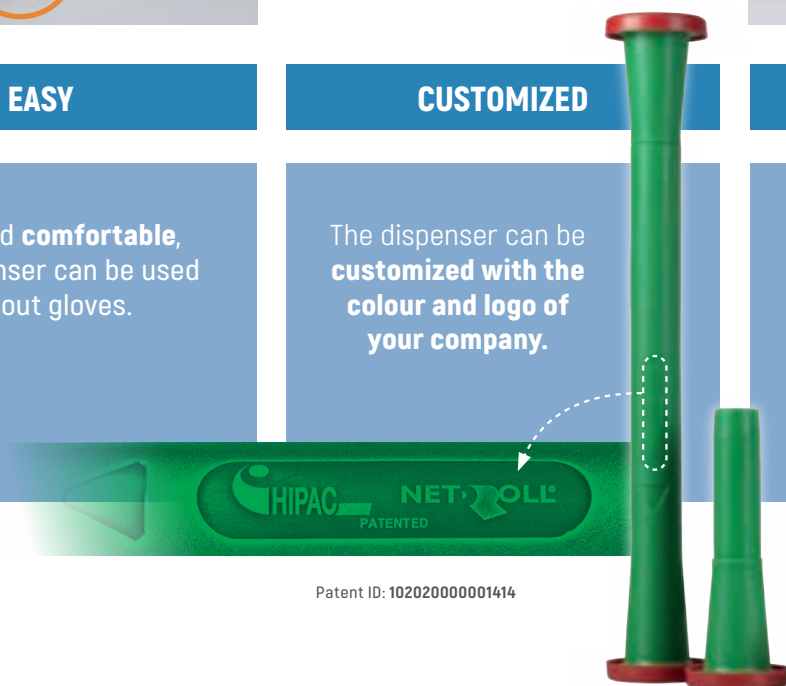
**Light and comfortable**, the dispenser can be used without gloves.

### CUSTOMIZED

The dispenser can be **customized with the colour and logo of your company**.

### SUSTAINABLE

By eliminating paper cores, the CO<sub>2</sub> emissions for each pallet of stretch film is reduced **by 98 kg**, equivalent to a **500 km trip with a mid-sized car**.



Patent ID: 102020000001414





**NEW DISPENSER**

## THE HI.DEA DISPENSER

HI.DEA  
FIT

Designed for fast and easy application of manual stretch film. Lightweight, efficient and ergonomically designed, HI.DEA Fit is the ideal tool for those who want to work with productivity and precision, minimising fatigue and waste.

**Weight:** 1.3 kg

**100% Made in Italy**



### Easy to use:

- Ergonomic design and non-slip grips that facilitate wrapping operations
- The wheel at the bottom facilitates wrapping at the bottom of the pallet
- The special brake adjusts and maintains a consistent film tension on the pallet

### Safe:

- Guaranteed film consumption and load stability
- Reduced stretch film waste
- Increased operator safety thanks to frontal wrapping
- Reduced risk of musculoskeletal problems



Reels with  
or without cardboard tube  
are recommended,  
from 380 to 500 mm width.



Scan the QRcode to find out  
how to use HI.DEA Fit  
and watch our tutorial



## DEA PROJECT



### THE HAND WRAPPING REVOLUTION

The **DEA (Dispenser Eumos Application)** project provides a complete packaging solution. That's why it includes, in addition to the development of the **HI.DEA** dispenser, many other aspects:

- the product, namely the ultra-thin **555** rigid film. The **NetRoll** and/or **RELIVE** versions further reduce the environmental impact of the film, quantified by an **LCA** study conducted in collaboration with the University of Parma;
- the correct packaging method
- the safety of the load, certified by sled acceleration tests in accordance with the **Eumos 40509-20** standard;
- the positive impact on workers' health and safety, monitored through the **Hapo LEA** postural analysis system and the **RULA** (Rapid Upper Limb Assessment) ergonomic standard.



SCAN THE QR-CODE TO FIND OUT MORE ABOUT THE DEA PROJECT!



### HIPAC'S INNOVATIVE CIRCULAR ECONOMY PROJECT

**RELOOP** is **HIPAC's** innovative circular economy project to generate value from stretch film waste, eliminating waste and protecting the environment.

We take back film waste in cooperation with a qualified and certified **Plastic Second Life** recycler: the waste is turned back into high-quality granules suitable for the production of stretch film.

This closed cycle, in addition to being a true **circular economy** project, brings important advantages in terms of environmental protection, reduction of waste and CO<sub>2</sub> emissions.

Write to [sales@hipac.it](mailto:sales@hipac.it) to join the RELOOP project!



Circular Economy



Reduction  
of CO<sub>2</sub> emissions



Reduction of  
waste material



Non exploitation  
of fossil sources

# HI.GREEN

## OUR VISION FOR A GREENER FUTURE



Fully  
recyclable



Circular economy



Reduction  
of CO<sub>2</sub> emissions



Renewable sources



Reduction of  
waste material



No microplastics



No exploitation  
of fossil sources



Zero waste

Circular economy

CONAI award of excellence

555 7  $\mu$ m NetRoll REX60  
76% CO<sub>2</sub> emissions reduction  
78% water consumption reduction



## A SECOND LIFE FOR STRETCH FILM!

**STRETCH FILMS MADE OF POST CONSUMER AND/OR POST INDUSTRIAL RECYCLED RAW MATERIALS, MECHANICALLY RECYCLED FROM HIGHLY SELECTED WASTE MATERIALS OF THE STRETCH APPLICATION.**

**REC 30:**

Stretch film made of 30% post consumer recycled plastic (PCR), certified with the green labels "Plastic Second Life mix-eco" and "Aenor"

**REC 60:**

Stretch film made of 60% post consumer recycled plastic (PCR), certified with the green labels "Plastic Second Life from separate waste collection" and "Aenor"

**REX 30:**

Stretch film made of 30% mixed post-industrial (PIR) and post-consumer (PCR) recycled plastic, certified with the green labels "Plastic Second Life mix-eco" and "Aenor"

**REX 60:**

Stretch film made of 60% mixed post-industrial (PIR) and post-consumer (PCR) recycled plastic, certified with the green labels "Plastic Second Life mix-eco" and "Aenor"

**REC ISCC:**

Stretch film made of lldpe obtained from the industrial treatment of waste materials, in compliance with ISCC plus international standard.



**AENOR**



Non-exploitation of fossil sources

CO<sub>2</sub> emissions reduction



**STRETCH FILMS MADE OF POLYETHYLENE OBTAINED FROM RENEWABLE, NON - FOSSIL SOURCES.**

**REN 51:**

Stretch film made of renewable lldpe obtained from the scraps of sugar cane production, certified with the green label "I'm green".

**REN ISCC:**

Stretch film made of renewable lldpe obtained from the scraps of the wood industry and inedible vegetal oils, in compliance with ISCC plus international standard.



CERTIFIED C14 CONTENT



No microplastics

Reduction of waste material



**BIODEGRADABLE, NON - COMPOSTABLE STRETCH FILM, IN COMPLIANCE WITH ISO 15985 INTERNATIONAL STANDARD AND EQUIVALENT.**

**RES:**

The degradation of stretch film is reduced to a **few years**.  
The shelf life of biodegradable film does not change, as the degradation only starts upon disposal.  
The film remains **100% recyclable**.

**HIPAC** green solutions are available in **NETROLL** version to enhance sustainability.  
CONTACT US FOR MORE INFORMATION ABOUT PRODUCT SPECIFICATIONS AND THEIR AVAILABILITY.



# DOUBLEEDGE

FOR HAND AND MACHINE FILMS

**STRETCH FILM WITH REINFORCED EDGES,  
FOR GREATER STRENGTH  
DURING APPLICATION.**

THE TECHNOLOGY  
TO FURTHER REDUCE  
THE THICKNESS  
OF THE FILM.



Fully recyclable



Efficient and reliable



Safe transportation

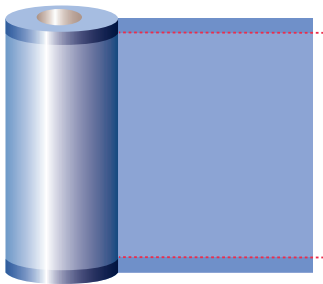


Protection of  
the goods

**FILMS WITH REINFORCED EDGES ARE AVAILABLE  
FOR HAND AND MACHINE FILMS**



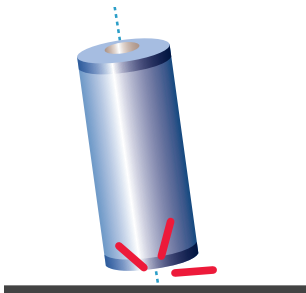
**ADVANTAGES**



Double thickness  
Double resistance



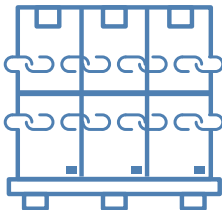
Z-shaped edges  
for easy unwinding



Protection of the reels  
from accidental damage



Increased tearing resistance  
in transversal direction



Roping effect  
for increased load stability



Higher quality consistency  
in hand application  
and on wrapping machines

**REDUCED CONSUMPTION**

Reinforced edge allows  
a strong reduction  
of the thickness  
of the film in application

**SUSTAINABLE**

Reduction  
in CO<sub>2</sub> emissions

**USER FRIENDLY**

Reels are lighter,  
easier to handle and safe



[www.hipac.com](http://www.hipac.com)

CONTACT US FOR MORE INFORMATION  
ABOUT PRODUCT SPECIFICATIONS  
AND THEIR AVAILABILITY.

# PRODUCT DATA SHEET



## LLDPE CAST CO-EXTRUDED STRETCH FILM FOR INDUSTRIAL PACKAGING.

QUALITY		HAND USE internal core diameter: 50 mm		MACHINE USE internal core diameter: 76 mm		BUNDLING internal core diameter: 38-50-76 mm	
		THICKNESS [μm]	WIDTH [mm]	THICKNESS [μm]	WIDTH [mm]	THICKNESS [μm]	WIDTH [mm]
T R A D I T I O N A L	310			20-35	500		
	308	15-50	450-500	15-50	250-450-500-750-1000	15-50	70-100-125-150-250
	388	15-50	450-500	15-50	250-450-500-750-1000	15-50	70-100-125-150-250
	888			12-35	250-450-500-750-1000	12-35	70-100-125-150-250
	777			12-35	250-450-500-750-1000	12-35	70-100-125-150-250
P R E M I U M	111			10-35	250-450-500-750-1000	10-35	70-100-125-150-250
	112			8-23	500-750-1000	10-23	70-100-125-150-250
	333			9-23	250-450-500-750-1000	9-23	70-100-125-150-250
	555	7-23	450-500	7-23	250-450-500-750-1000	7-23	70-100-125-150-250
	999	4-10	380-420	7-10	420		
C O L L A T I O N	C200 SERIES			7-15	200-250-330-375-450-500		
	C400 SERIES			9-17	250-450-500-650-750		
	C600 SERIES			12-35	TAILOR MADE SOLUTIONS		

STANDARD PRODUCTION.

CONTACT US FOR SPECIAL REQUEST.

NetRoll HOLE diameter: 50 mm for hand film; 74 mm for machine film.

**Cling side:** internal (standard production), external or both. Extra cling available upon request.  
**Slippery side:** upon request on internal or external layer. Extra slippery available upon request.

## OPTIONAL FEATURES

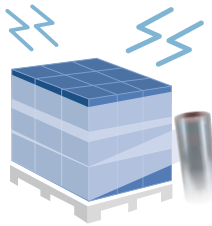
### 1 Colours

BI200	NE200	GR100	BL100
BI300	NE300	GR300	BL200
Customized colours available upon request			BL300
VE100	GI100	AR160	RO100
VE200	GI200	AR300	RO200
VE300	GI300	RO300	

### 2 Printed film up to 3 colours, with eco-friendly water-based inks

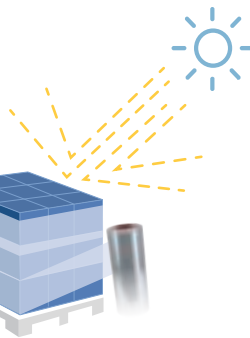


3



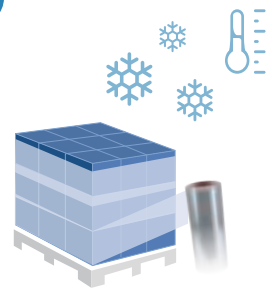
**Antistatic film:** reduction of electrostatic charges and dust on the pallet.

4



**Anti UV film:** protection of the film against UV rays (6-12 months).

5



**Low Temperature film Lt:** best performance in extreme conditions (-25°C).



6

**Anticorrosive (VCI) film:** protection of steel products from oxidation.





# HIPAC QUALITY

Targeting a specific sector of the global packaging market and making high-quality products is paramount to HIPAC.

To this end, **HIPAC Group** has decided to implement an integrated organizational model, approved and certified according to the internationally recognized standards **UNI EN ISO 9001, 14001, 45001 and 50001**.



**ISO 9001 "Quality Management System"**

requires that all the organizational, commercial and technical activities which have influence on quality are planned, controlled and documented.



**ISO 14001 "Environmental Management System"**

guarantees the control of all the environmental aspects of both product and process, in compliance with the existing legislation.



**ISO 45001 "Occupational Health and Safety"**

allows Hipac to identify and control risks related to health and safety at work, reducing the number of potential accidents, in compliance with the existing legislation.



**ISO 50001 "Energy Management System"**

guarantees Hipac ethical commitment to energy saving and improvements in energy efficiency.



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# PRODUCT RANGE



[www.hipac.com](http://www.hipac.com)

