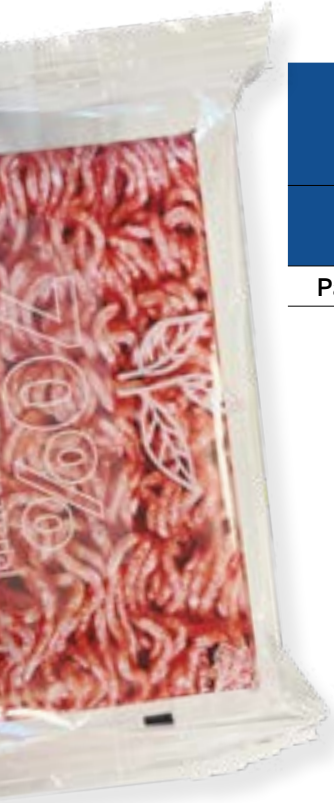


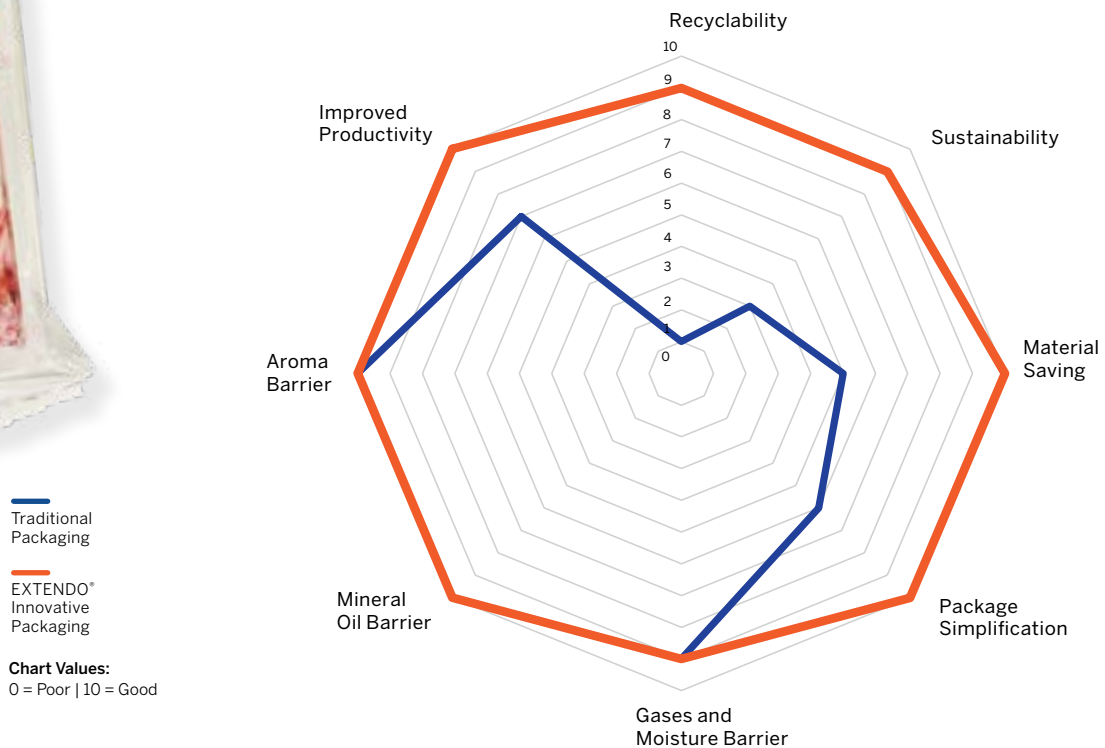
Minced Meat

EXTENDO® XTMH with improved heat resistance

EXTENDO® XTMH provides excellent protection thanks to high oxygen, moisture, aroma and mineral oil barrier. The improved heat resistance increases performance on traditional packaging machines.



	Traditional Packaging	EXTENDO® Innovative Packaging
Lidding	PET 12 µm	Flowpack
	PE/EVOH/PE 70 µm	
Tray	APET 270 µm	CPP 40 µm
	PE/EVOH/PE 50 µm	
Pack Weight	15 g	4.5 g



Advantages:

- Up to 70% less material compared to traditional lid and tray -> reduction in transport costs and CO₂ emissions
- PP-based barrier solution, suitable for plastic collection (PP 5)
- Easier recycling compared to traditional multimaterial packaging
- High gas barrier, designed for Modified Atmosphere Packaging
- High efficiency in packaging machines



In collaboration with:



Better Taste, Less Waste

For more information visit www.ex-tendo.com or contact flexiblepackaging@ti-films.com



Taghleef Industries

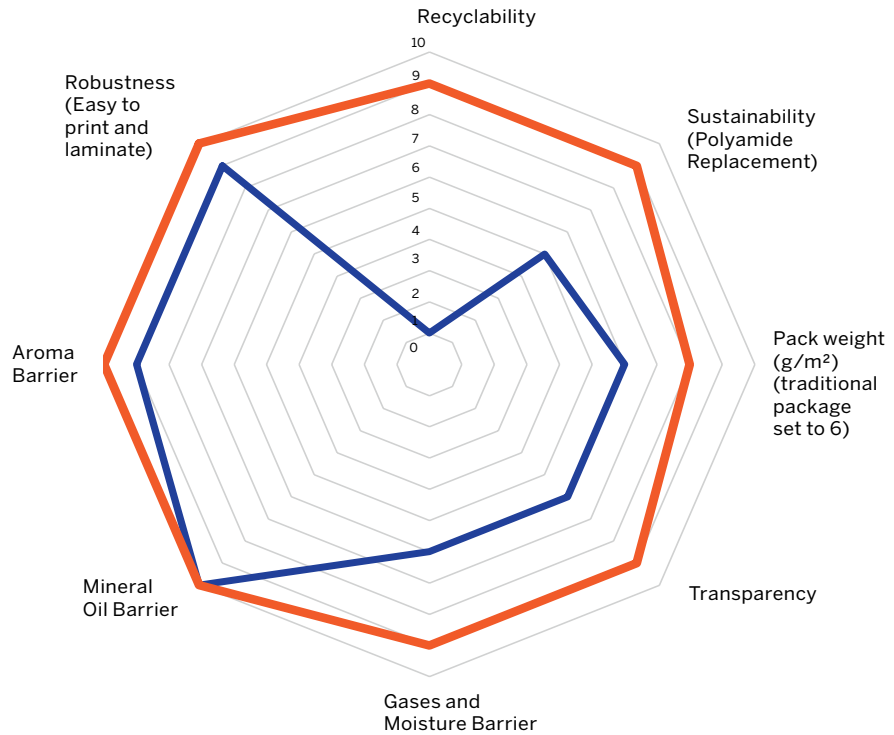
Salami

EXTENDO® XTMH with improved heat resistance

EXTENDO® XTMH provides excellent protection thanks to high oxygen, moisture, aroma and mineral oil barrier. The improved heat resistance increases performance on traditional packaging machines.



	Traditional Packaging	EXTENDO® Innovative Packaging
	OPA 15 µm	EXTENDO® XTMH 20 µm
	PE 50 µm	CPP 40 µm
Unit Weight	63.7 g/m ²	54.6 g/m ²



— Traditional Packaging
 — EXTENDO® Innovative Packaging
 Chart Values:
 0 = Poor | 10 = Good

Advantages:

- Ideal replacement of multimaterial structures (PET/PE, PA/PE)
- PP-based barrier solution, suitable for plastic collection (PP 5)
- Easier recycling compared to traditional multimaterial packaging
- High gas barrier, designed for Modified Atmosphere Packaging
- High efficiency in packaging machines



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Frozen Organic Meatballs

NATIVIA® NTSS + NATIVIA® NXZS

NATIVIA® NTSS is biobased and industrially compostable according to EN 13432. It offers good stiffness and excellent optical properties, while very high barrier properties and seal strength are provided by NATIVIA® NXZS, for superior food protection even at low temperatures.

NATIVIA® for frozen food among finalists of ICIS Awards 2021!



NATIVIA® Innovative Packaging	Thickness	Unit Weight
NTSS	20 µm	24.8 g/m ²
NXZS	21 µm	26.0 g/m ²

NATIVIA® NTSS:

- BoPLA transparent film
- Excellent optical properties
- Excellent printability

NATIVIA® NXZS:

- BoPLA very high barrier metallized film
- OTR = 0.5 cm³/m²/d (23°C – 0% RH)
- WVTR = 1.5 g/m²/d (38°C – 90% RH)
- MST = 85°C

Advantages:

- Made from renewable resources
- Designed for Industrial Compostability
- PVDC free
- Very high gas and moisture barrier
- Suitable for frozen applications
- *Italian market: films certified according to EN 13432 are exempted from Plastic Tax and benefit from reduced EPR fee*

In collaboration with:



Think Unconventional. Think Biobased.

For more information visit www.ti-films.com or contact flexiblepackaging@ti-films.com



Organic Chicken Nuggets

NATIVIA® NTSS + NATIVIA® NXZS

NATIVIA® NTSS is biobased and industrially compostable according to EN 13432. It offers good stiffness and excellent optical properties, while very high barrier properties and seal strength are provided by NATIVIA® NXZS, for superior food protection.



NATIVIA® Innovative Packaging	Thickness	Unit Weight
NTSS	20 µm	24.8 g/m ²
NXZS	21 µm	26.0 g/m ²

NATIVIA® NTSS:

- BoPLA transparent film
- Excellent optical properties
- Excellent printability

NATIVIA® NXZS:

- BoPLA very high barrier metallized film
- OTR = 0.5 cm³/m²/d (23°C – 0% RH)
- WVTR = 1.5 g/m²/d (38°C – 90% RH)
- MST = 85°C

Advantages:

- Made from renewable resources
- Designed for Industrial Compostability
- PVDC free
- Very high gas and moisture barrier
- *Italian market: films certified according to EN 13432 are exempted from Plastic Tax and benefit from reduced EPR fee*

In collaboration with:



Think Unconventional. Think Biobased.

Grated Cheese

Kraft Paper + NATIVIA® NXZS

NATIVIA® NXZS combined with paper provides high seal strength and protection thanks to its very high oxygen, moisture, aroma and mineral oil barrier.



NATIVIA® Innovative Packaging	Thickness	Unit Weight
Kraft Paper		60 g/m ²
NXZS	21 µm	26.0 g/m ²

NATIVIA® NXZS:

- BoPLA very high barrier metallized film
- OTR = 0.5 cm³/m²/d (23°C – 0% RH)
- WVTR = 1.5 g/m²/d (38°C – 90% RH)
- MST = 85°C

Advantages:

- Made from renewable resources
- Designed for Industrial Compostability or recyclability in paper stream
- PVDC free
- Very high gas and moisture barrier
- *Italian market: films certified according to EN 13432 are exempted from Plastic Tax and benefit from reduced EPR fee*

In collaboration with:



Think Unconventional. Think Biobased.

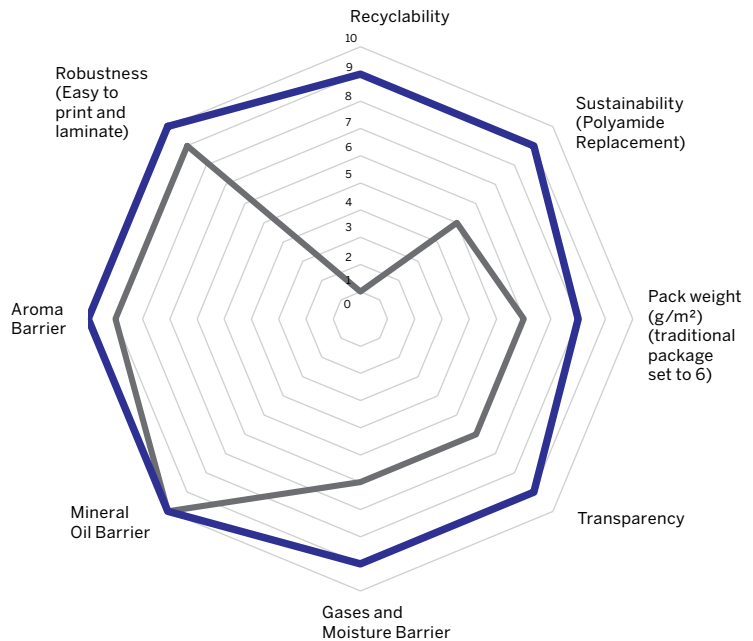
Soft Cheese

reLIFE™ EXTENDO® rcXTMH

reLIFE™ EXTENDO® rcXTMH provides excellent protection thanks to high oxygen, moisture, aroma and mineral oil barrier. It is produced with Post Consumer Resin from Chemical Recycling according to ISCC Plus Mass Balance Certification. It contributes to save fossil-based resources while keeping compliance with food contact applications.



	Traditional Packaging	reLIFE™ Innovative Packaging
	OPA 15 µm	reLIFE™ EXTENDO® rcXTMH 20 µm
	PE 50 µm	CPP 40 µm
Unit Weight	63.7 g/m ²	54.6 g/m ²



— Traditional Packaging
 — reLIFE™ Innovative Packaging
 Chart Values:
 0 = Poor | 10 = Good

Advantages:

- Ideal replacement of multimaterial structures (PET/PE, PA/PE)
- Supporting circularity of plastics: PCR Chemically recycled content according to mass balance approach
- PP based barrier solution, suitable for plastic collection (PP 5)
- Easier recycling compared to multimaterial packaging
- High gas barrier, designed for Modified Atmosphere Packaging
- High efficiency in packaging machines



In collaboration with:



reLIFE™ Recycled Polypropylene Solutions

For more information visit www.ti-films.com or contact flexiblepackaging@ti-films.com



Ham Bag

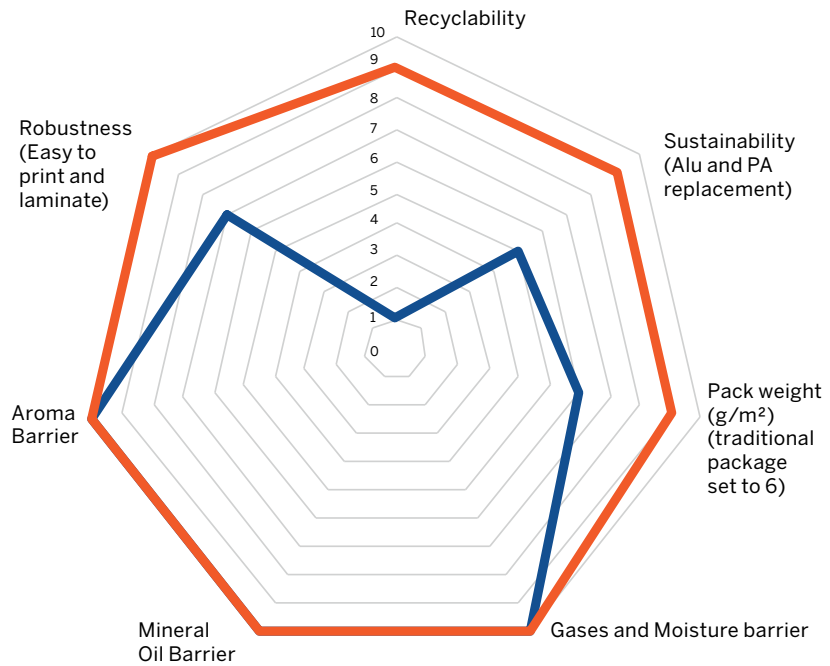
EXTENDO® XZMX

EXTENDO® XZMX is a BoPP metallized film which provides excellent protection thanks to outstanding oxygen, moisture, aroma and mineral oil barrier. It represents the ideal replacement for Alu foil and met PET in laminate structures.



	Traditional Packaging	EXTENDO® Innovative Packaging
	PET 12 µm	TNS 20 µm
	Alu 8 µm	EXTENDO® XZMX 18 µm
	PA 15 µm	
	CPP 75 µm	CPP 75 µm
Unit Weight	123.9 g/m ²	102.9 g/m ²

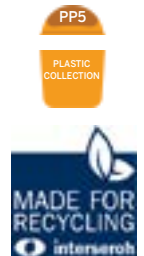
— Traditional Packaging
 — EXTENDO® Innovative Packaging
 Chart Values:
 0 = Poor | 10 = Good



Advantages:

- PP based ultra high barrier solution, suitable for plastic collection (PP 5)
- Easier recycling, structure certified Made for Recycling by Interseroh
- Ideal replacement of multimaterial structures (PET/Alu/PE, PET/metPET/PE)
- Structure designed for Vacuum Packaging

In collaboration with:



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For more information visit www.ex-tendo.com or contact flexiblepackaging@ti-films.com



Grated Cheese



EXTENDO® XTMU

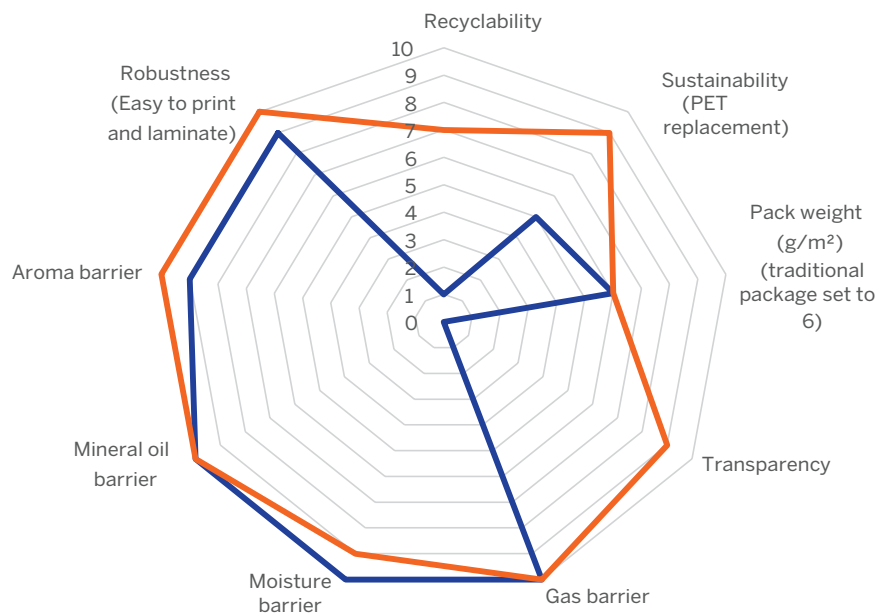


EXTENDO® XTMU is a high glossy, transparent BoPP film which provides excellent protection thanks to ultra high oxygen barrier and excellent moisture, aroma and mineral oil barrier.



	Traditional Packaging	EXTENDO® Innovative Packaging
	PET 12 µm	TNS 20 µm
	MetPET 12 µm	EXTENDO® XTMU 20 µm
	PE 60 µm	PE 60 µm
Unit Weight	89.1 g/m ²	91.9 g/m ²

 Traditional Packaging
 EXTENDO® Innovative Packaging
Chart Values:
 0 = Poor | 10 = Good



Advantages:

- Improved recyclability compared to multimaterial structures, compatible with polyolefin recycling stream
- Ideal replacement of Alu foil or metPET for transparent ultra high gas barrier
- Designed for Modified Atmosphere Packaging

In collaboration with:



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For more information visit www.ex-tendo.com or contact flexiblepackaging@ti-films.com



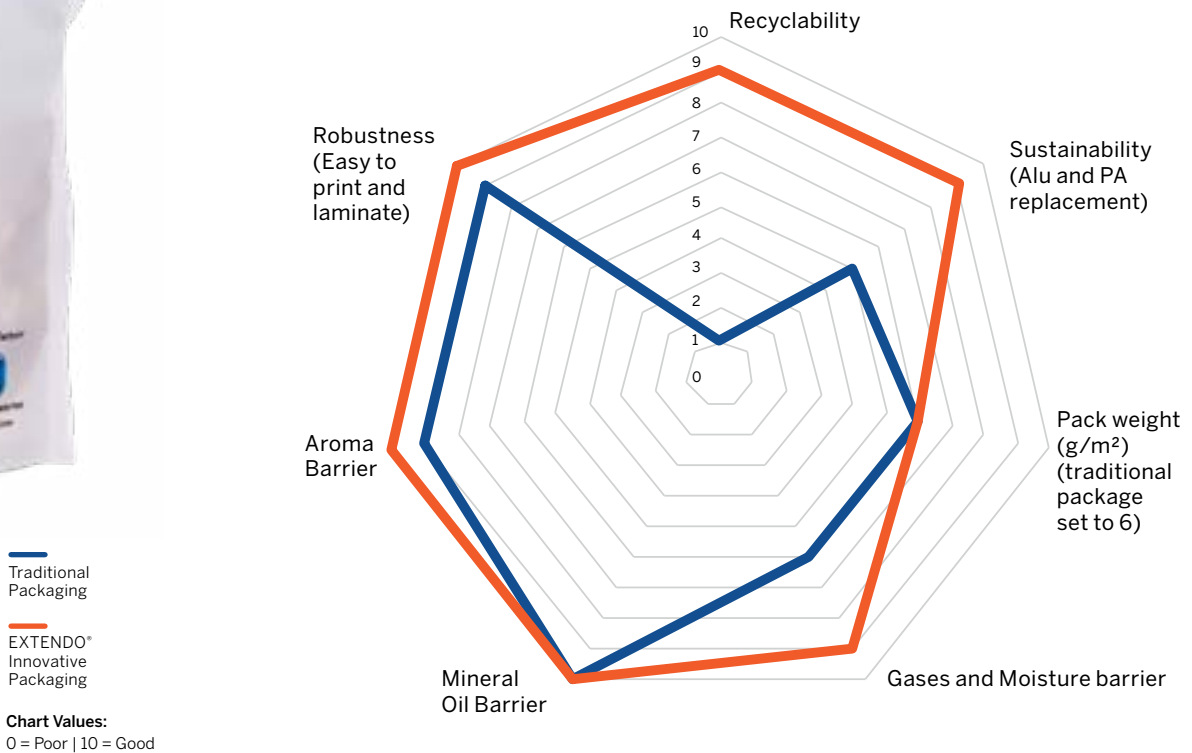
PP-based barrier Stand up Pouch

EXTENDO® XMMH

EXTENDO® XMMH is a matt film which provides excellent protection thanks to very high oxygen, moisture, aroma and mineral oil barrier. It is the ideal replacement of OPA barrier films.



	Traditional Packaging	EXTENDO® Innovative Packaging
	OPA 15 µm	EXTENDO® XMMH 20 µm
	PE 50 µm	D579 50 µm
Unit Weight	63.7 g/m ²	63.7 g/m ²



Advantages:

- Ideal replacement of multimaterial structures (PA/PE)
- PP based barrier solution, suitable for plastic collection (PP 5)
- Easier recycling compared to traditional multimaterial packaging
- High gas barrier, designed for Modified Atmosphere Packaging



In collaboration with:



Better Taste, Less Waste

For more information visit www.ex-tendo.com or contact flexiblepackaging@ti-films.com



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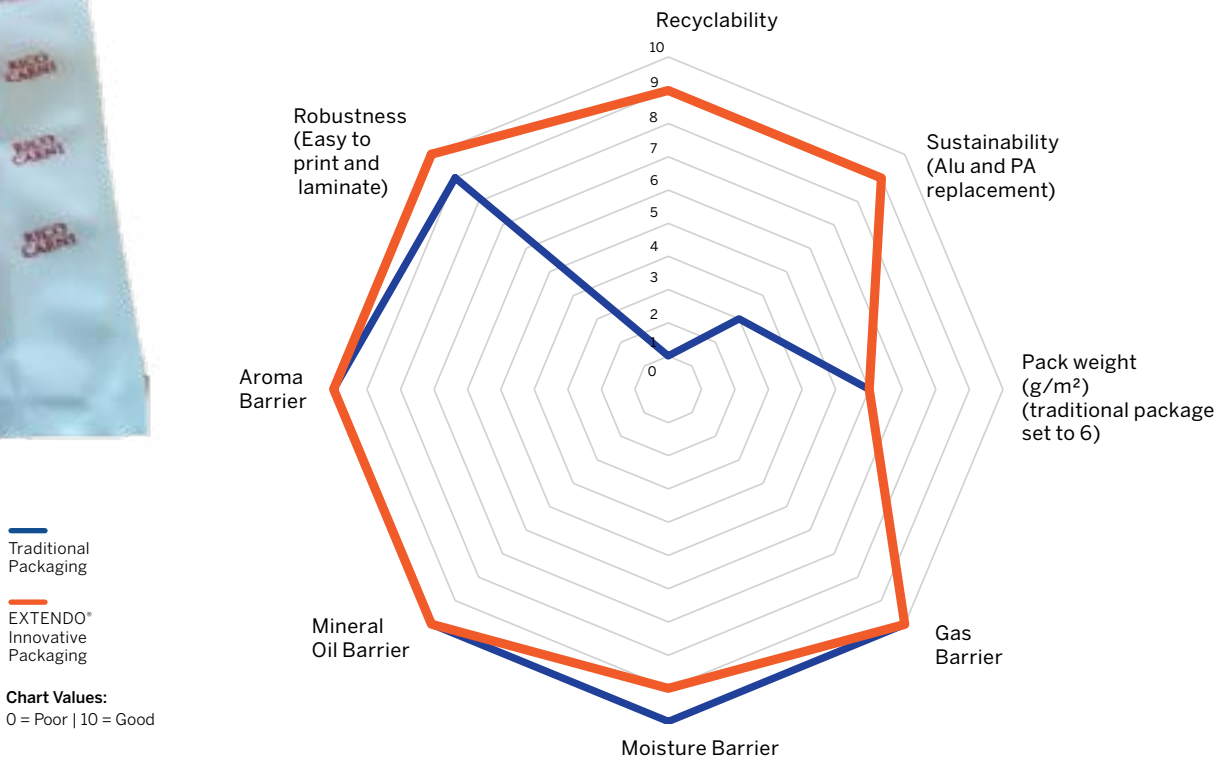
Roast Beef Bag

EXTENDO® XTMU

EXTENDO® XTMU is a high glossy, transparent BoPP film which provides excellent protection thanks to ultra high oxygen barrier and excellent moisture, aroma and mineral oil barrier.



	Traditional Packaging	EXTENDO® Innovative Packaging
	PA 20 µm	TNS 20 µm
	Alu 8 µm	EXTENDO® XTMU 30 µm
	CPP 75 µm	CPP 75 µm
Unit Weight	112.9 g/m ²	113.7 g/m ²



Advantages:

- PP based barrier solution, suitable for plastic collection (PP 5)
- Easier recycling compared to traditional multimaterial packaging
- Ideal replacement of Alu foil or metPET for transparent ultra high gas barrier
- Designed for Vacuum Packaging



In collaboration with:



Better Taste, Less Waste

For more information visit www.ex-tendo.com or contact flexiblepackaging@ti-films.com





Adhesive-less label film

Thickness: **70 - 100 μ m**

Look: **White voided**

DESCRIPTION

The newly introduced adhesive-less label film has a white glossy pearlescent appearance and optimum coverage and opacity for exceptional contrast between the printed image and background.

PARTNERSHIP

This collaboration shows a new application in *TI*'s labels range: food grade inserts or labels which are cut-to-size for direct food contact in various shapes and sizes. The printer **Tipolito Bolondi** is an Italian company specialized in the printing of food labeling systems suitable for direct food contact.

TECHNOLOGY

- Offset, flexo and rotogravure printing
- Rotary, flat-bed and high die-cutting technology

Benefits

- Lower thickness than cast PP and PS films
- Enhanced print results
- Suitable for direct food contact (dry and fatty foods)
- Excellent printability and drying
- Excellent flatness

Applications

- Cured meats
- Poultry and fish industries
- Cheese
- Fresh and aged food

For more information, please contact: labelfilms@ti-films.com