

# Innovative Medical Packaging Solutions

For Medical Device and Pharmaceutical Industry

**Wipak® Flexible Forming Webs** are specifically designed for packing single-use medical devices. We offer wide selection of coextruded and laminated flexible films to meet the most stringent requirements of the application.

Wipak® Flexible Forming Webs				
Product code	Structure	Thickness	Sterilization method	Description
FITFORM	PA/PE	50-220	EO, IR	Coextruded web for wide variety of medical devices. Excellent optical properties with good resistance to pinholes.
ML P	PP/PA/PE	50-150	EO	High-performance, strong, non-curling film.
ML E ML E CS	PE/PA/PE	100-170 130-150	EO, IR	For film-to-film packaging and uncoated paper. CS -version for coated papers.
ML E TF PEEL	PE/PA/PE	135-200	EO, IR	Designed to seal and peel against uncoated Tyvek®.
ML PE	PP/PE	80-180	EO	Coextruded polyolefin film for lightweight disposables.
PPAP	PP/PA/PP	80-150	Steam	Non-curling and strong multilayer film for steam sterilization.
PAE PAE PEEL	PA/PE	70 70, 95	EO, IR	Laminated film with high mechanical strength for easy forming and for film-to-film pouches.
PAP	PA/PP	60-100	Steam	Laminated PA/PP for steam applications

**Wipak® Semirigid Forming Webs** are suitable for packaging high quality medical devices requiring extra protection.

Wipak® Semirigid Forming Webs				
MULTIPET (MP)	APET/PE	250-600	EO, IR	Especially suitable with Wipak® ESE 1250 Peel and Ecotop.
MULTIPET PEEL	APET/PE	300-550	EO, IR	MP with special PE layer for sealing to plastic webs.
MP TF PEEL	APET/PE	250-600	EO, IR	Designed to seal and peel with uncoated Tyvek®.
NICE	PE/PA/PE	230-480	EO, IR	Sustainable replacement for rigid films like APET, PETG, PVC.

**Wipak® Non-Forming and Top Webs** can be used either in combination with formable films to make a peelable or non-peelable film-to-film packs, or in combination with breathable Wipak® top webs when deep-draw is not required. Wipak® non-forming film can be also used for flow pack machines.

Wipak® Non-Forming and Top Webs				
ECOTOP	HDPE/PE	85, 100	IR	Coextruded white polyolefin based non-curling film for film-to-film packaging especially with ML E CS.
ESE	BoPET/PE	62	EO, IR	Laminate, sealable with uncoated papers and other films with peel, also in white color.
ESE G	BoPET/PE	52, 62	EO, IR	Laminated, oriented polyester with PE, sealable with uncoated papers.
ESE PEEL	BoPET/PE	62	EO, IR	Laminated, oriented film with wide sealing window, also in white color.
ESP	BoPET/PP	52	Steam	Laminated, oriented film with wide sealing window.

**Innovative** Sterile Barrier System  
**Reliable** Product Performance  
**Safety** of Patients is Our Top Priority  
**Sustainable** Thinking and Acting

**Wipak® Specialty Films** includes sophisticated solution for PVC-free urine bags as well as barrier film against moisture or protecting from moisture.

Wipak® Specialty Films				
Product code	Structure	Thickness	Sterilization method	Description
Ecoking	PE based	80, 150, 180	IR	Soft and noiseless non-pvc films for urine and drainage bags.
Alumed & Alumed Peel	BoPET/AL/PE	75	IR	For applications where prevention from drying out of from absorbing moisture is needed.

**Wipak® Overwrap Films** for all liquid packages for steam sterilization. Available bottom and top webs for both tear and peel applications.

Wipak® Overwrap Films				
PPP	PP	80-200	Steam	Bottom, PPP-PPP for standard barrier, tearable overwrap, 100 also available as double wound.
OPP 2070 OPP 20100	BoPP/PP	90 120	Steam	Top, OPP-PPP or in pouches OPP-OPP for standard barrier, tearable overwrap.
ESP 105	BoPET/PP	105	Steam	Laminated Top, ESP-PPP 150 Peel, peelable overwrap.
PPP 150 PEEL	PP	150	Steam	Bottom, standard barrier, peelable overwrap.

**Wipak® Medical Papers and DuPont™ Tyvek®** for use on both thermoforming and flat pack machines enabling sterilization by steam or gas.

Wipak® Medical Papers and Tyvek®				
Product code	Structure	Grammage	Sterilization method	Description
Gas Paper	Uncoated	60, 70	EO, IR	Economical quality with good seal and peel properties.
Gas Paper HS	Uncoated	60, 70, 80	EO, IR	Improved quality with higher seal strength.
Gas Paper FourSS	Light Coated	63	EO, IR	Treated quality as an alternative to coated papers for better economy.
Gas Paper LC	Light Coated	83	EO, IR	Treated and stronger quality as an alternative to coated papers for better economy.
Lacquered paper	Coated	70, 74, 110	EO, IR	Grid lacquered paper for cases where totally clean peel and/or visible opening pattern for visual quality check purposes are required.
Tyvek®	Uncoated	59.5, 75	EO, IR	DuPont Tyvek® 4058B 2FS and Tyvek® 1073B
Coated Tyvek®	Coated	71, 86	EO, IR	Coated Tyvek® 4058B and 1073B
Steam Paper	Uncoated	60, 100	Steam	Economical quality with good seal and peel properties.
Steam Paper HS and HP	Uncoated	60, 70	Steam	Improved quality with higher seal strength.
HS = High Seal, LC = Light Coated, HP = High Peel				

### Wipak® Window Bags

Wipak Medical Device Industry product range includes also a wide selections of WindowBags for EO and irradiation sterilization. Traditional WindowBags with peelable Tyvek® window and new generation (G2) WindowBags utilizing uncoated Tyvek® with large peelable film-to-film window. Especially suitable for packaging of surgical instrument sets.

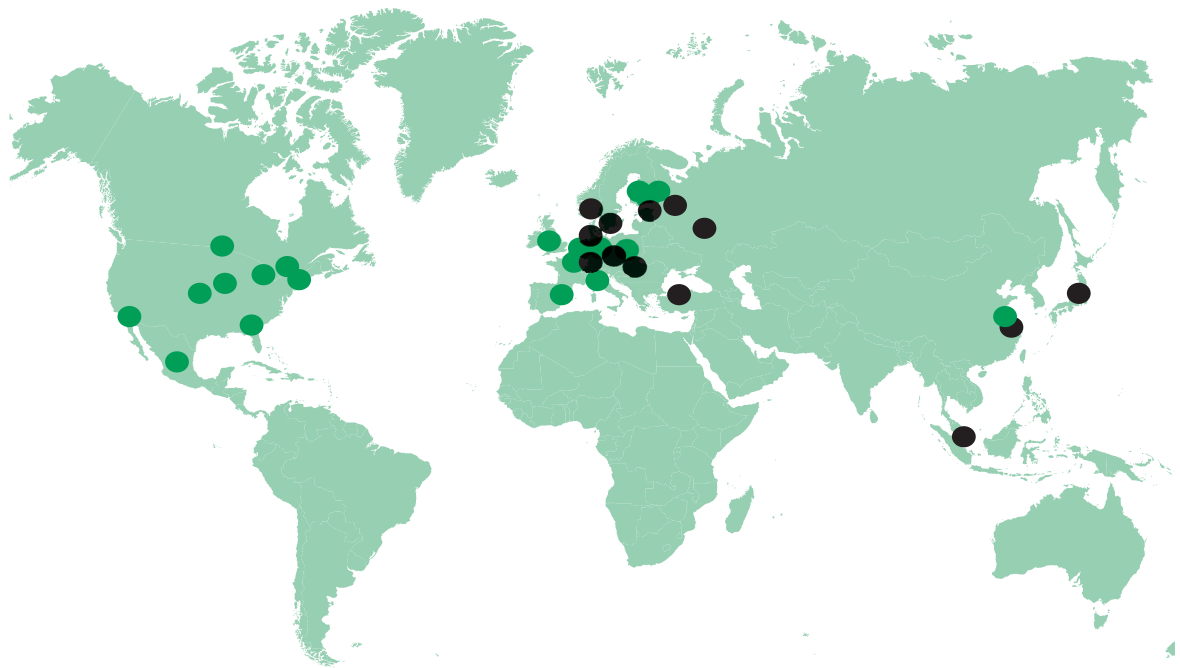
### Wipak® Medical Industrial Pouches and Reels

A broad range of Wipak® and Steriking® pouches and reels are available for both health care facilities and medical device manufacturers. Standard and tailor made pouches with different designs and sizes incorporating films, medical papers and Tyvek® are produced in our cleanroom production facilities. Pouches may be flat or gusseted and with flat or ribboned seals.



Involve. Inspire. Impress.

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Norway • Poland • Russia • Singapore • Spain • Sweden • Switzerland • Turkey • United Kingdom • USA



- Production Plants
- Sales Offices

The Wipak Group develops and manufactures highly innovative premium-quality packaging solutions for medical instruments and devices, and food products. Both Wipak and its North American sister company Winpak are part of the packaging division of the Finnish Wihuri Group, which employs more than 5 000 highly qualified professionals all over the world. Wihuri has been owned and operated by the same family since its inception 115 years ago.

Our extensive range of services delivered by our professionals, combined with application support through training and workshops, ensure that with our products we can provide significant added value to our customers.

For further Information please contact:

[mdi@wipak.com](mailto:mdi@wipak.com)  
[www.wipak.com](http://www.wipak.com)

