



Wipak is a recognized leader in providing innovative packaging solutions and technical expertise to companies around the world. A commitment to excellence has positioned Winpak as a major supplier of flexible plastic materials to package a wide range of products including food, industrial and health care applications.

In addition to over 30 years of experience, the company possesses some of the most advanced and highly efficient extrusion capabilities in the industry. Winpak also serves customers by providing state-of-the-art converting capabilities that include printing, laminating, pouch and bag making, and high-speed slitting. Winpak is the choice for Total Packaging Solutions!

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What are your flexible packaging needs?  
[www.wipak.com](http://www.wipak.com)



# Vertical Form Fill & Seal



**Total Packaging Solutions**



## Vertical Form Fill and Seal

Winpak supplies a superior line of vertical form fill and seal films for liquid and pumpable food products. The line of coextrusions and laminations feature ideal attributes including COF, sealing temperature range and hot tack, which allow for exceptional line speed and optimal packaging performance.

Winpak's VFFS family of films has a wide range of capabilities and is formulated to perform on a variety of VFFS machines including Hayssen, Onpack, Triangle, Sandiacre, General, Tucs, and the Winpak Mark II. Applications for these films include both liquids and solids for cold fill and hot fill products.



FILM SERIES	GAUGE (MILS)	PRODUCT DESCRIPTION	KEY PROPERTIES	TYPICAL APPLICATIONS
VP 1000	1.5 – 5.0	PE coextrusion with metallocene skin layers	-Excellent sealant and good economics -Good strength: takes drops between 1 and 5 lbs.	Short shelf life sauces, condiments, dry goods
VP 5000*	1.5 – 6.0	High strength split nylon coextrusion with a metallocene sealant (*Hot fill version available)	-Excellent sealant that can seal through product contamination -Superior puncture resistance -Good OTR barrier: < 3.0 -Can either be lap seal or fin seal	Pumpable products, shrimp, sharp food products, meat (ground and diced), sauces, salad dressings
VP 7000*	2.0 – 6.0	High strength split nylon/EVOH coextrusion with a metallocene sealant (*Hot fill version available)	-Excellent sealant that can seal through product contamination -Superior OTR barrier: < 0.05 -Excellent strength -Can either be lap seal or fin seal	Pumpable products, shelf stable, long hold products, tomato sauce, liquid cheese, meat (ground and diced)
VP 8000H	2.0–6.0	Ultra high barrier, split nylon/EVOH coextrusion with a metallocene sealant	-High strength film -Various sealant and additive packages are available -Can either be lap seal or fin seal	Ultra high barrier applications such as tomato sauce, pizza sauce, and ketchup
VS 2000	1.5 – 6.0	Nylon coextrusion with nylon on non-sealant side and a metallocene sealant	-High strength -Ideal for high speed fin seal VFFS applications	Wet salads, potatoes, olives, and shredded cheese
VS 5000	2.0 – 6.0	High strength nylon coextrusion with nylon on non-sealant side and a LLD sealant	-Very high strength -Ideal for high speed fin seal VFFS applications	Tray cookies, potatoes, pepper, pickles, and olives
VS 7000	2.0 – 6.0	High strength nylon/EVOH coextrusion with nylon on non-sealant side and a metallocene sealant	-Very high strength and oxygen barrier -Ideal for high speed fin seal VFFS applications	Cheese and sliced lunch meats
VL 2000M	1.0 – 4.0	Medium barrier nylon coextrusion with lock sealant	-High strength -Peelable -Moisture barrier	Cookies, dry goods, fin seal cereal and cracker liners
VL 2000B	1.0 – 4.0	High barrier EVOH coextrusion with lock sealant	-Peelable -Excellent OTR barrier: <0.2 -Excellent moisture barrier: <0.3 -Ideal for fin seals	Cookies, dry goods, fin seal cereal and cracker liners

WLP-1001	2.28	48 gauge PET / 1.8 mil white sealant	Ideal for small packages from 3 g to 85 g requiring a lower barrier	Condiments such as ketchup and mustard
WLP-1101	2.28	48 gauge PET / PVdC / 1.8 mil white sealant	Ideal for small packages from 3 g to 85 g requiring a medium barrier	Condiments such as ketchup, mustard, and salad dressing
WLP-1102	3.0	48 gauge PET / PVdC / 2.5 mil sealant (available in white)	Ideal for small packages from 3 g to 85 g requiring a medium barrier	Condiments such as ketchup, mustard, and salad dressing
WLP-2201	3.48	48 gauge PET / 3.0 mil EVOH white coextrusion	Ideal for small packages from 3 g to 150 g requiring a high barrier	Ketchup, mustard, salad dressing, yogurt, etc.
WLP-2200	2.48, 3.0, 3.48	48 gauge PET / 2.0, 2.5, or 3.0 mil EVOH white or clear coextrusion	Ideal for small packages from 3 g to 150 g requiring a high barrier	Ketchup, mustard, salad dressing, yogurt, etc.
WLP-3205	3.6	60 gauge biax-nylon / 3.0 mil EVOH coextrusion	Ideal for large packages from 150 g to 5 liters requiring a high barrier	Hot-fill bulk packaging including tomato products, sauces, etc.

VP = Vertical Packaging VS = Vertical (Nylon) Skin

VL = Vertical Liner WLP = Winpak Liquid Packaging

Coextrusions

Laminations