

VS Series SHRINK WRAPPERS



Exceptional package quality in a compact shrink wrapper.

The VS Series shrink wrappers offer a compact, economical shrink-wrap solution designed to interface with existing tray packers, including the Douglas' Invex® and Axiom® at speeds up to 40 trays per minute.

Using single film roll technology, costly maintenance problems associated with conventional cutting and sealing technologies are eliminated. The optional print-registered film control gives you the ability to enhance your package appearance on the store shelf. Combined with Douglas' proprietary heat tunnel technology, the VS series shrink wrappers ensure your brand is always presented with quality and pride. Small footprint, big advantages...the VS Series sets a new standard for compact shrink wrap performance.



There's a reason Douglas leads the industry in value-added offerings.
It's not just our job... IT'S OUR COMPANY.

As a 100% employee owned company, you can rest assured that nobody works harder than Douglas to provide MORE for today's packagers.

As part of that commitment, we offer programs designed to keep your operation on the move and improve your bottom line.

Services like the **Reliability Assurance Program** provide comprehensive machine inspection, audit and analysis services to reach your maintenance goals and ensure maximum productivity.

Our **PartsDirect™ Program**, offers commercial OEM replacement parts at a guaranteed best price. See our web site for details and other value-add programs.

So when you choose Douglas, feel free to expect more. More knowledge, more innovation, more quality, more support. More of everything you need in a secondary packaging partner.



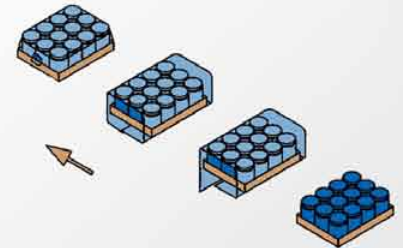
VS Series SHRINK WRAPPERS

DRIVE:	VFD conveyors		
	Servo motors - wand and film drive		
SPEED:	VS-25 up to 25 cycles per minute		
	VS-40 up to 40 cycles per minute		
PRODUCT SIZE RANGE:	Direction of Travel	Vertical	Across Machine
Minimum	6 in. (155mm)	3 in. (75mm)	6 in. (155mm)
Maximum	17 in. (435mm)	12 in. (305mm)	22 in. (560mm)
FILM LENGTH:	Minimum: 18 in. (460 mm)		
	Maximum: 60 in. (1525 mm)		
FILM THICKNESS:	Printed or non-printed: 1.5 to 3 mil.		
FILM WIDTH:	Minimum: 10 in. (255 mm)		
	Maximum: 27 in. (685 mm)		
FRAME:	Tubular powder coated steel frame		
LEGS:	Threaded		
ADJUSTMENTS:	HMI recipe control		
GUARDING:	Polycarbonate guarding. Other guard packages per project specification (optional)		
ELECTRICAL:	Allen Bradley series programmable logic controller		
	Allen Bradley HMI		
	NEMA 12 wiring and enclosures		
	Downstream surge control (optional)		
FINISH:	Gray metallic epoxy powder coat.		
	Other colors per project specification. All parts in contact with product are stainless steel, anodized aluminum, and plastic. OEM parts are manufacturers' standard finish		
INSTALLATION REQUIREMENTS			
POWER:	Single drop 480 VAC, 50/60Hz, 3PH		
AIR:	Per project specification		

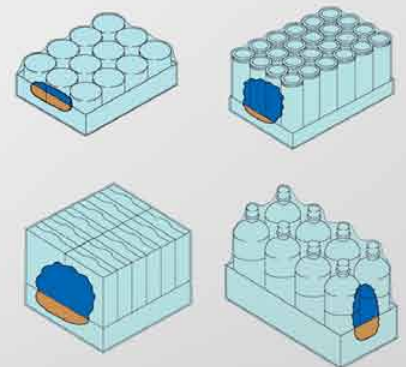
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Typical Process Diagrams



Typical Pack Patterns



More Than a Machine™

douglas-machine.com

Alexandria, MN USA • Tel: 320.763.6587 email: info@douglas-machine.com