SHALAG NONWOVENS

KRIPORT
INTERNATIONAL TRADING

Shalag Industries Ltd.

KRIPORT International Trading

SHALAG NONWOVENS

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Shalag Profile

- A Carded Thermo and Air Through bonded producer.
- 30 years of extensive experience in the Nonwoven Market .
- A public company which is traded on the Tel Aviv Stock Exchange.

  70% Owned by Kibbutz Shamir, as a main share holder .
- Two production locations , Israel and US .
- Production facilities – 23,000 sqm .
- Annual Capacity – 30,000 tons .
- Employs - 180 .

Holding Structure

29.6%
Public

70.4%
Shamir holdings

Shalag Industries

51%
Noam Urim

100%
Shalag US

Production Technologies

- **Shalag operates six production lines**
  - Carded **Calender** bonding–

Available on all Six production lines .

Four lines In Israel and two in NA site .

- Carded **Air-Through** bonding –

Available on four production lines.

Two lines in Israel and two in NA site

❖**Total Capacity** – 30,000 Tons.

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Spooling

- Shalag offers in-house spooling capabilities .
- Israel line 8 spooling stations .
- NA line 10 spooling stations.
- Spooled materials slit width 40-120 mm
- Max spool diameter: 1200 mm
- Max spool width: 820 mm
- Available in both Traverse and Step spooling method .

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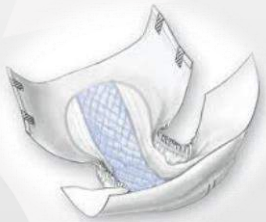
Environmental

- **Waste recycling of almost 100%.**
- **Water systems in a close loop .**
- **Energy saving**
  - **solar panels for the creation of Green electricity.**
  - **Heating system using gas.**
  - **company program for continues electric saving**

Main Markets

❖ Hygiene

- ➢ Feminine Hygienic
- ➢ Baby Diapers
- ➢ Tampons
- ➢ Adult Incontinence



❖ Wipes

- ➢ Wet
- ➢ Dry
- ➢ Industrial

❖ Industrial Products

➢Reinforcing Polyester NW

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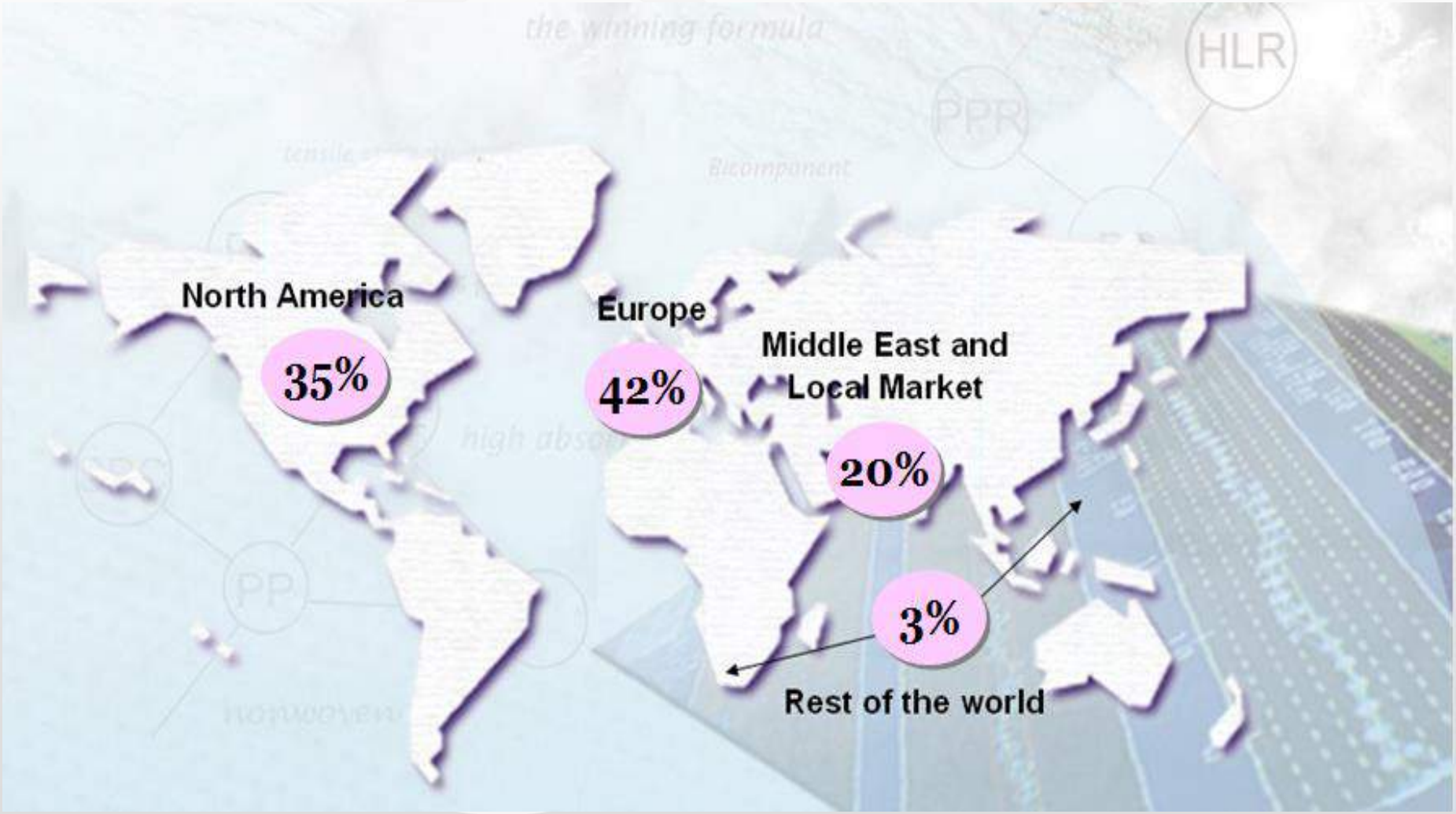
Worldwide Sales 2012



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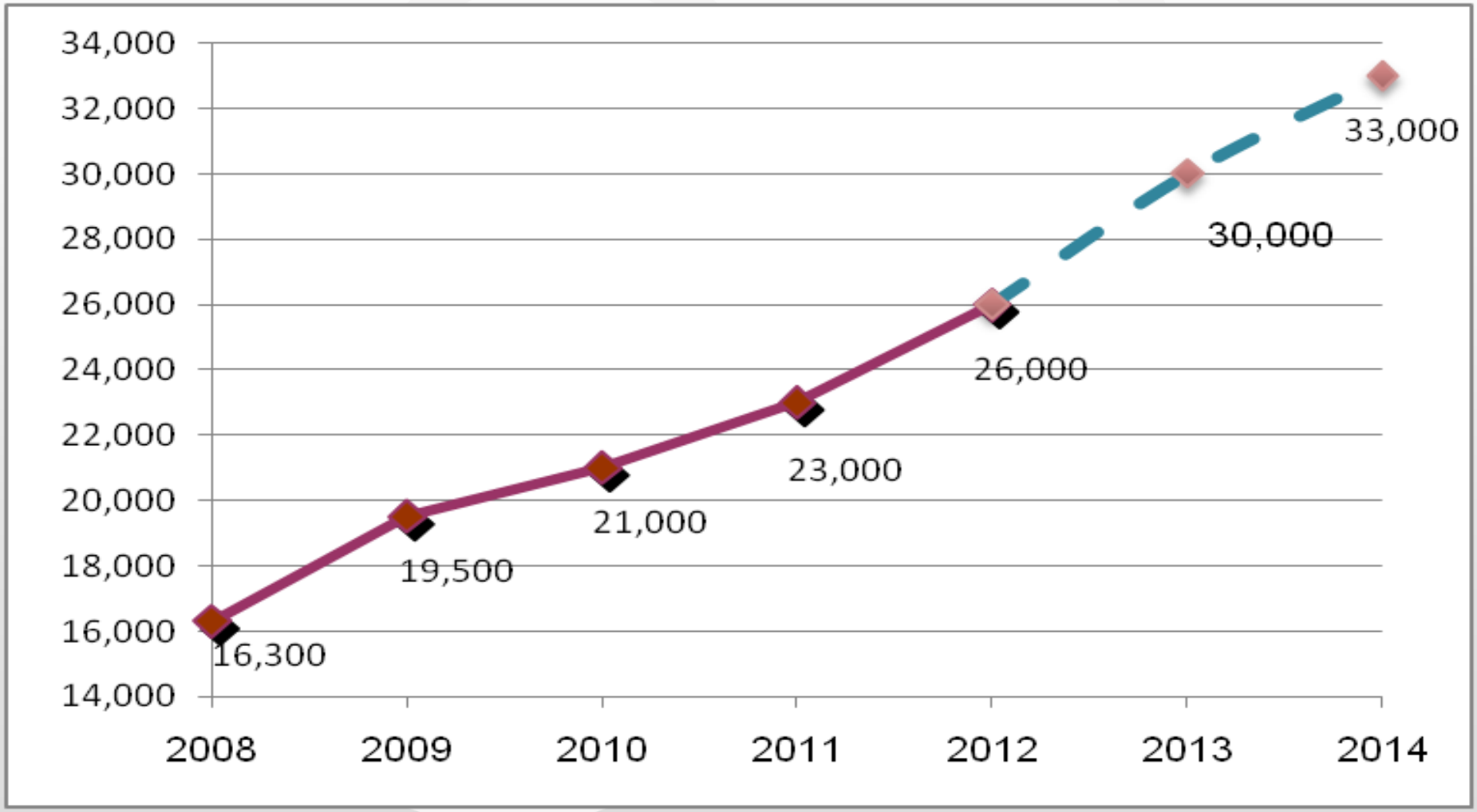
Shalag Growth 2008-2014

(tons/year)



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Company Strategy

- Expansion of production capacity in Oxford
  New line start operate Q4 2012

- World leader in manufacture of Thermo Bonded and Air Through Bonded Nonwovens .

- Emphasis on new product development to suit market trends.

- Development and expansion of Global service to our customers .

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Cover Layers

Technology	Fiber variety	Product properties	Weight range
Air Through Bonded	Bico PE/PP Bico PE/PET Blends	Hydrophilic Permanent Hydrophilic Hydrophobic Whitened	18 gsm and higher
High Bulk, Soft, Silky			
Calender Bonded	PP Bico PE/PP Bico PE/PET Natural Fibers Blends	Hydrophilic Permanent Hydrophilic Hydrophobic Semi-phobic Whitened Organic	10 gsm and higher
Large variety of engraving patterns			

Back sheet

High Bulk, Soft, Silky			
Calender Bonded	PP Bico PE/PP +PE/PET Natural Fibers Blends	Hydrophilic Hydrophobic Semi-phobic Whitened Organic	12 gsm and higher
M - Emboss			

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Acquisition Distribution Layers

Technology	Fiber variety	Fiber properties	Weight range	Colors	Spooling
Air Through Bonded	100% Polyester wide range of shapes and dtex	Solid Hollow Non-round Co-PET	25-110 gsm	✓	✓
Excellent multiple Strike Through and Rewet performance					
Air Through Bonded	Bico PE/PP Bico PE/PET Bico PP/PET PP Polyester Blends	Hydrophilic Permanent hydrophilic Whitened	20-110 gsm	--	✓
Bico-based ADL . Improved sealing properties while maintaining good product propeties.					

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Tampon Cover

Technology	Fiber variety	Product properties	Weight range
Calender Bonded **Standard engraving**	Bico PE/PP Bico PE/PET	Hydrophilic Permanent Hydrophilic	10 gsm and higher
Low weight, excellent web uniformity			
Calender Bonded **Silk engraving**	Bico PE/PP Bico PE/PET	Hydrophilic Permanent Hydrophilic	12 gsm and higher
Low weight, silky touch			
* All Tampon Cover rolls are slit on-line to a minimum of 35mm			

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PLA Products

Technology	Fiber variety	Product properties	Weight range
Air Through Bonded	PLA Co-PLA	- 100% Biodegradable - Blends PLA + Bico	40-90 gsm
ADL PLA. Excellent multiple Strike Through and Rewet performance			
Calender Bonded	PLA Co-PLA	- 100% Biodegradable - Blends PLA + PP/Bico	20-30 gsm
Cover PLA. Variety of engraving patterns, excellent web uniformity			
* Din-Certco certification for “Compostable Material” is available for ADL products.			

Thank you