

HDPE PIPES

PRODUCTS

A.A.H. Past LTD.
Plastic and F.R.P works for industry

**HDPE
PIPES**



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A.A.H. Plast Ltd.

37 YEARS
of industry involvement

The leading plastic and fiberglass works in **Israel**

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1. About Us

A.A.H. Plast Ltd.

Plastic & F.R.P works for industry

A.A.H. Plast Ltd. is Israel's leading fiberglass and plastic manufacturer, specializing in producing and installing tanks, pipes, and facilities. The company utilizes the most advanced technologies and engineering methods, and, with its **ISO 9001** certification, maintains the highest quality standards.

The company's clients include: Israel Chemical Ltd. (ICL), Israel Electric, Mekorot and engineering companies such as Bateman, Baran, I.D.E, Teva and more.

A.A.H. Plast products are used in industry, agriculture, food processing, pharmaceuticals, and water systems. The company also serves as a pipe-laying and facility construction contractor.

Fiberglass products include: storage tanks, large diameter pipes, air purification systems, waste management systems, and water tanks. All products are designed in adherence to the strictest standards and subject to stringent quality assurance testing. They can withstand the most aggressive chemicals and high temperatures.

Our Design & Development Department creates the most technologically advanced products to meet the clients' demands. Our products have been incorporated in large complex projects in Israel and abroad, such as the magnesium plant at the Dead Sea Works, desalination facilities in Cyprus and Ashkelon; Rotem Fertilizers and various water storage facilities. The company's products are also exported to Germany, Italy, England and Scotland.

Our field teams provide on-site installation, operation, and maintenance services and are able to come up with solutions at very short notice.



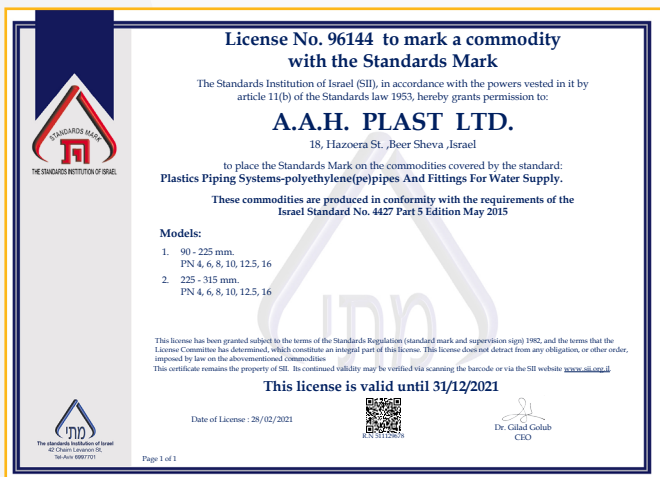
A.A.H. Plast Ltd. Factory

The Plastic Department operates according to German know-how and follows strict German standards. Our plastic tanks, up to **200,000** liters in capacity, are made by wrapping strips of compressed plastic around a pre-heated metal cylinder, thus forming a sealed, homogenous tank.

Plastic tanks are manufactured in various thicknesses, based on the client's needs and the type of substance to be stored. They are tough, heat resistant up to **90°C**, environmentally-friendly, recyclable and portable. These products can be manufactured in a very short time. It is possible to equip them with accessories quickly and safely, thus enabling their convenient utilization for various applications.

Company Activities: Manufacturing and marketing light construction elements made of **PP (Polypropylene)** for building storage tanks, accumulator tanks, bathtubs and for coating cesspits and neutralization pits. Marketing fiberglass structures, stalls, and porta potties. Manufacturing and installing plastic and fiberglass swimming pools of various sizes.

Manufacturing and marketing **fiberglass** and **PP** accumulator tanks; marketing water and fuel storage tanks of up to **1000** cubic meters in capacity.



2. HDPE Pipes

- ▶ **A.A.H. Plast Ltd.** manufactures polyethylene (HDPE) piping. Our company has a new production machine (2019) featuring the most advanced technology, including a weight control system to ensure that the production process is done in compliance with the **ISO 4427** standard.
- ▶ Polyethylene pipes are linked through either welding or electric welding (electro-fusion).
- ▶ These pipes are used for pressurized water conduction, pressurized sewage wastewater, chemical industry fluids, water supply for agricultural systems and more.

◆ Specifications

| Diameter in MM | Pressure PN | SDR | Width in MM |
|----------------|----------------|------------------|-------------|
| 90 | 6,8,10,12.5,16 | 26,21,17,13.6,11 | 3.5-9.2 |
| 110 | 6,8,10,12.5,16 | 26,21,17,13.6,11 | 4.2-11.1 |
| 160 | 6,8,10,12.5,16 | 26,21,17,13.6,11 | 6.2-16.2 |
| 200 | 6,8,10,12.5,16 | 26,21,17,13.6,11 | 7.7-20.2 |
| 250 | 6,8,10,12.5,16 | 26,21,17,13.6,11 | 9.6-25.1 |
| 315 | 6,8,10,12.5,16 | 26,21,17,13.6,11 | 12.1-31.6 |



3. Marlux PE Pipes for Wastewater

- ▶ **A.A.H. Plast Ltd.** manufactures polyethylene (HDPE) pipes for wastewater.
- ▶ Our machine operates using state-of-the-art computing and control technology made in Germany while maintaining maximum accuracy following **ISO 4476** standard.
- ▶ Polyethylene Marlux Pipes for wastewater are connected by either internal welding or electrical welding (electro-fusion).

◆ Specifications

| Item | Diameter in mm | Thickness in mm |
|-----------------------|----------------|-----------------|
| Marlux for Wastewater | 90 | 3.5 |
| Marlux for Wastewater | 110 | 4.2 |
| Marlux for Wastewater | 160 | 6.2 |
| Marlux for Wastewater | 200 | 7.7 |
| Marlux for Wastewater | 250 | 9.6 |
| Marlux for Wastewater | 315 | 12.1 |



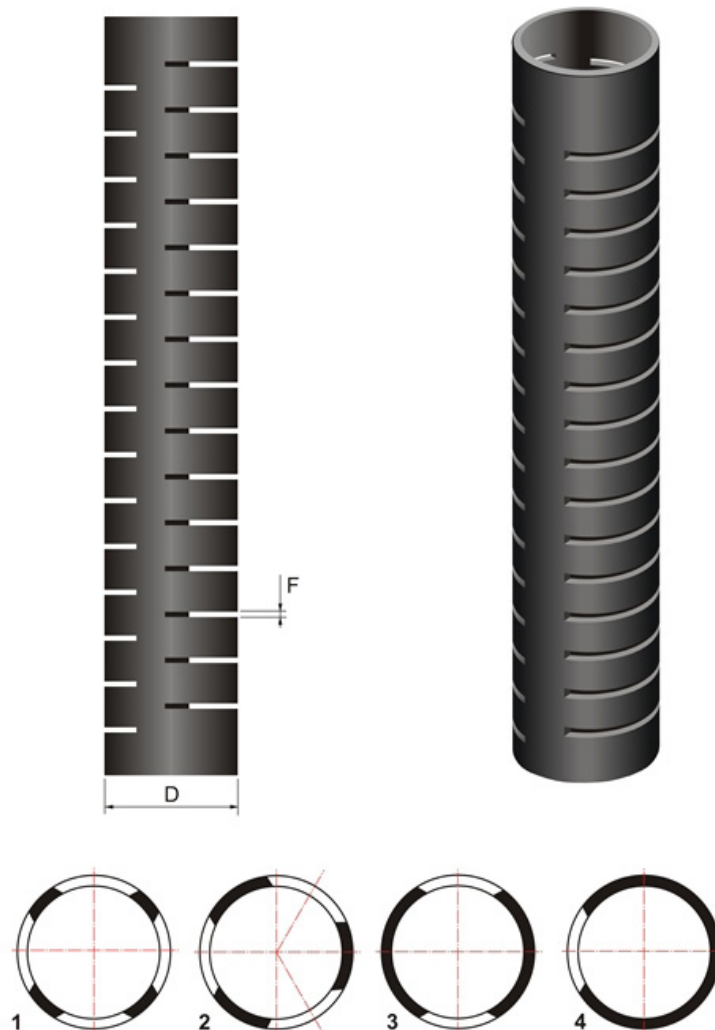
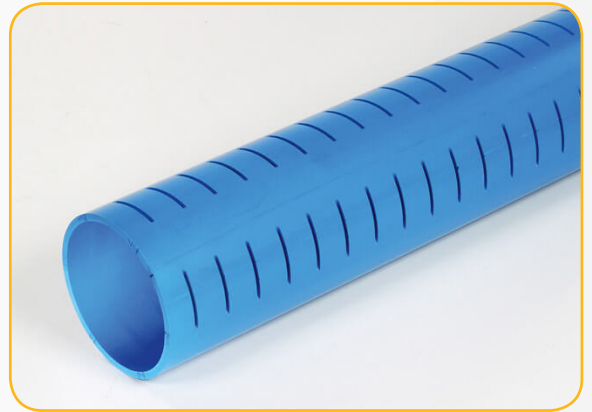
4. Perforated / Slotted Pipes

- ▶ **A.A.H. Plast Ltd.** manufactures perforated and slotted pipes at the customer's request.
- ▶ Working according to international standards. all pipes made of materials (HDPE, PP, PVC, PVDF, GRP) with pipe diameters up to 400 mm.
- ▶ Perforated rainwater drainage pipes, soil gas intake pipes, and other additional filters.
- ▶ The tubes can be wrapped in a geotechnical fabric for drainage.

◆ Drainage pipe systems

To make sure a traffic route remains operational in the long term, it is essential to have a drainage system that is continuously effective.

A.A.H. Plast piping systems ensure controlled discharge of leachate water, surface water and artesian water and provide maximum reliability to ensure the long-term stability of rails and roads.



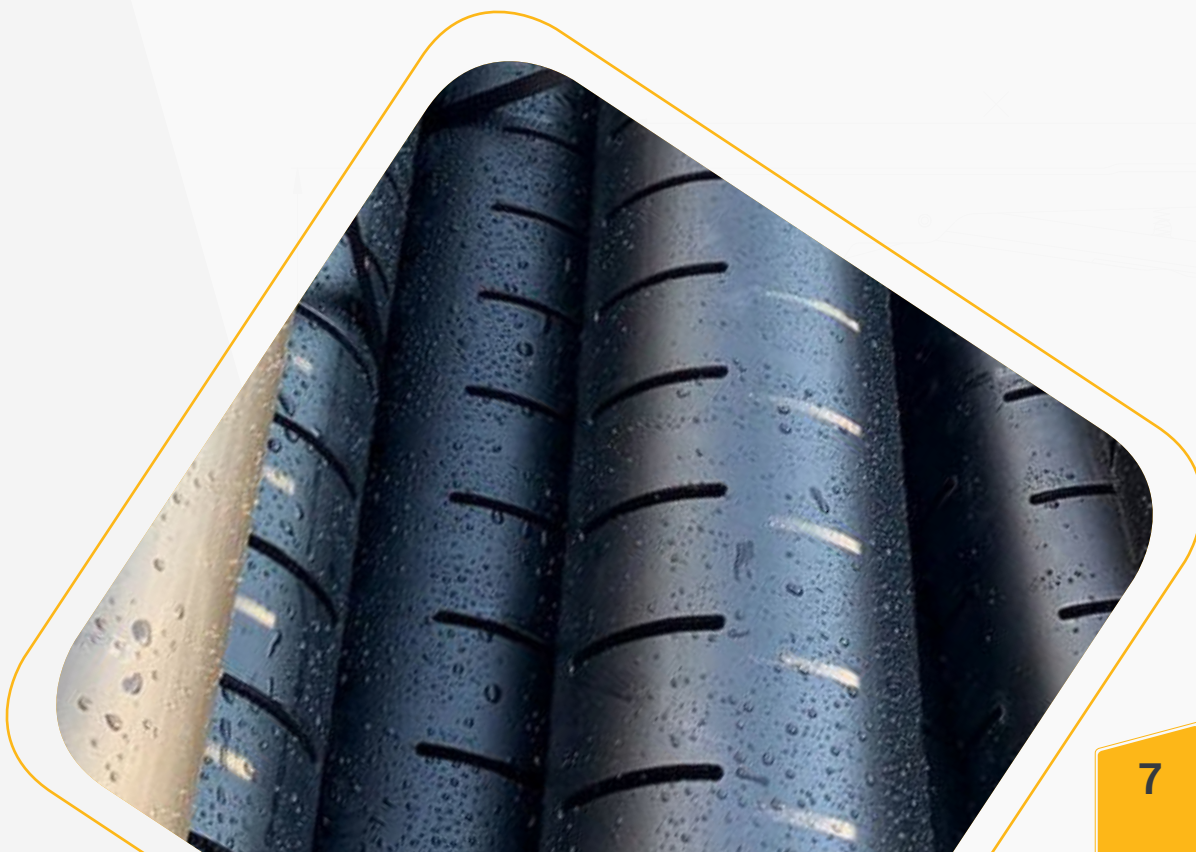
4. Perforated / Slotted Pipes

◆ A.A.H Plast overview of Types



◆ PE pipe size

| | SDR 26 | SDR 13.6 | SDR 17 | SDR 11 |
|----------|---------|----------|---------|---------|
| Ø. mm | S mm | S mm | S mm | S mm |
| 90 | 3.5 | 5.4 | 6.7 | 8.2 |
| 110 | 4.2 | 6.6 | 8.1 | 10 |
| 160 | 6.2 | 9.5 | 11.8 | 14.6 |
| 200 | 7.7 | 11.9 | 14.7 | 18.2 |
| 225 | 8.6 | 13.4 | 16.6 | 20.5 |
| 250 | 9.6 | 14.8 | 18.4 | 22.7 |
| 280 | 10.7 | 16.6 | 20.6 | 25.4 |
| 315 | 12.1 | 18.7 | 23.2 | 28.6 |
| 355 | 13.6 | 21.1 | 26.1 | 32.2 |
| 400 | 15.3 | 23.7 | 29.4 | 36.3 |



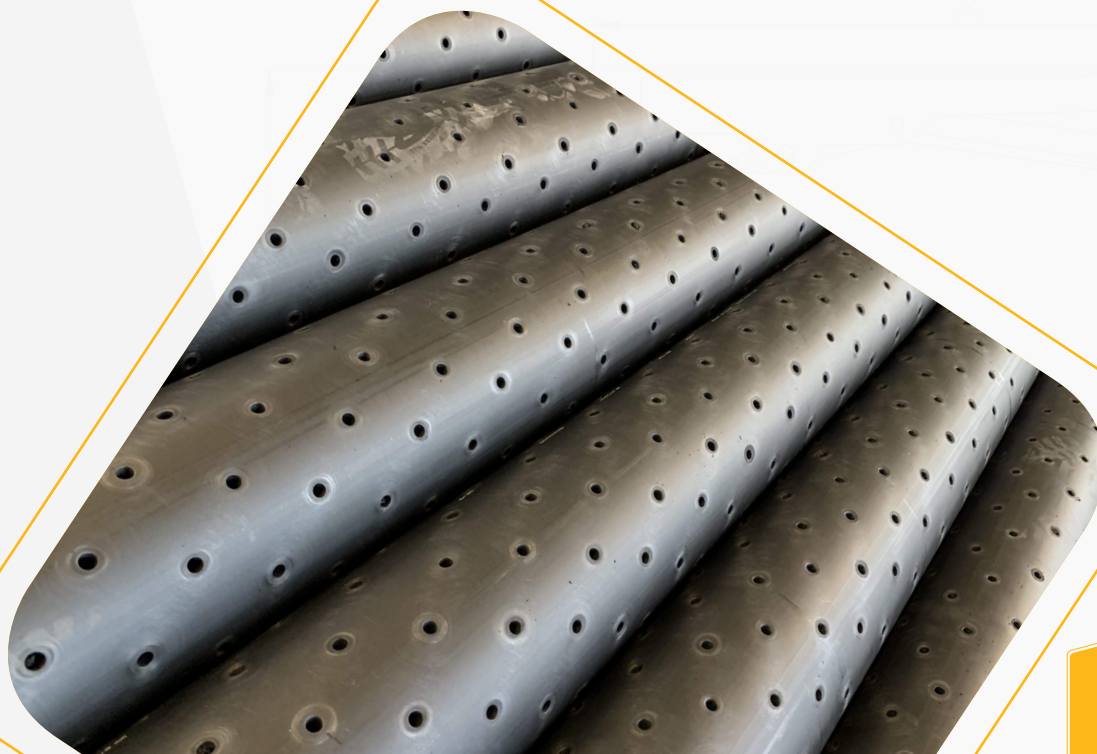
4. Perforated / Slotted Pipes

◆ Perforated pipe systems

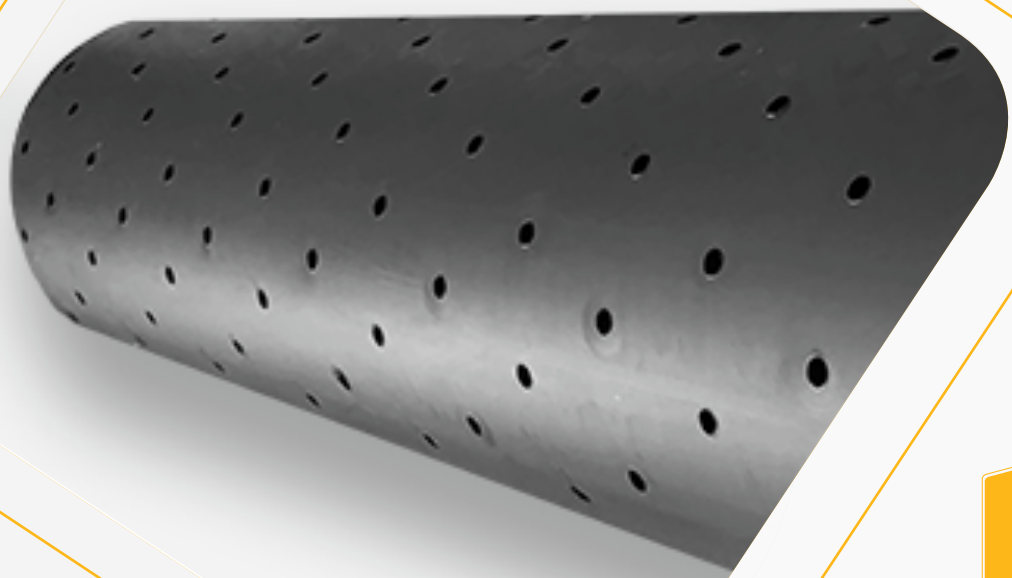
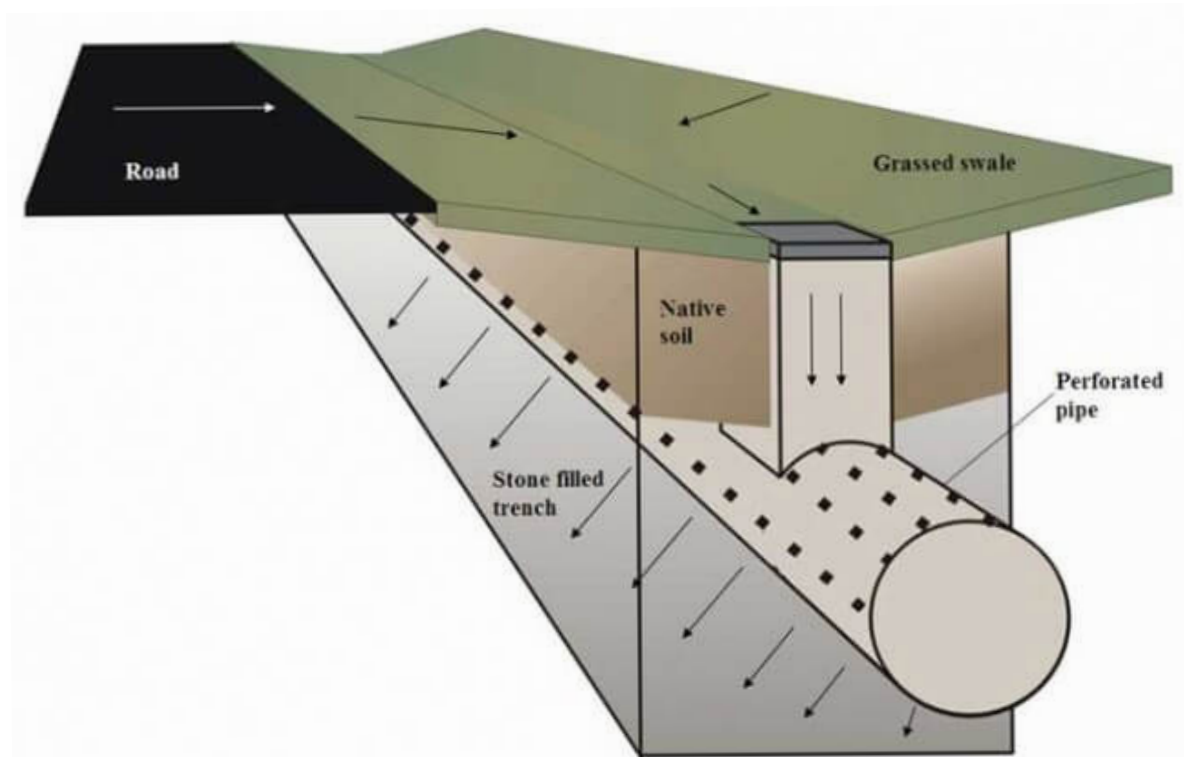
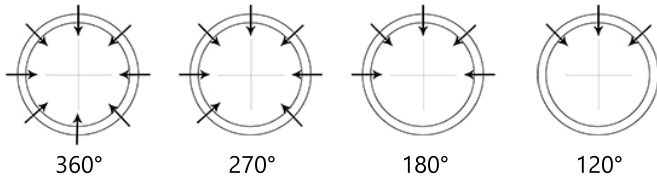
- ▶ **A.A.H. Plast Ltd.** manufactures perforated pipes at the customer's request.
- ▶ Working according to international standards.
- ▶ All pipes made of materials (HDPE, PP, PVC, PVDF, GRP) can be cut by CNC machine, in diameters up to 400 mm.
- ▶ **Perforated** rainwater drainage pipes, soil gas intake pipes, and other additional filters.

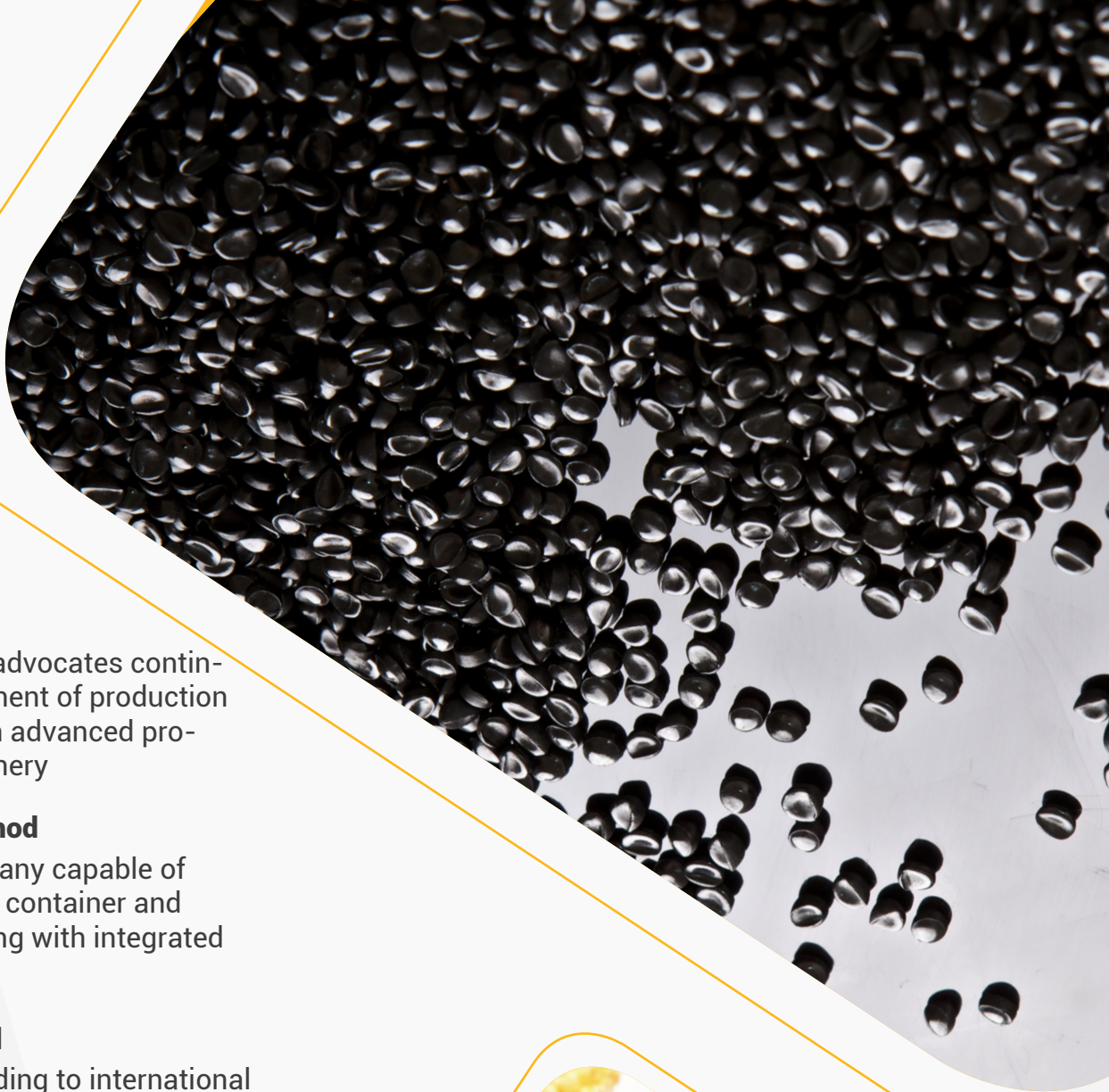
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◆ A.A.H Plast overview of Types





Technology

The company advocates continuous improvement of production processes with advanced production machinery



The cross method

The only company capable of manufacturing container and fiberglass tubing with integrated wrap



Quality Control

Working according to international standards, we have a laboratory for performing rigorous quality tests



Seniority 37 years

The company has accumulated the largest jobs and projects in the field with proven experience of 37 years



Alternative

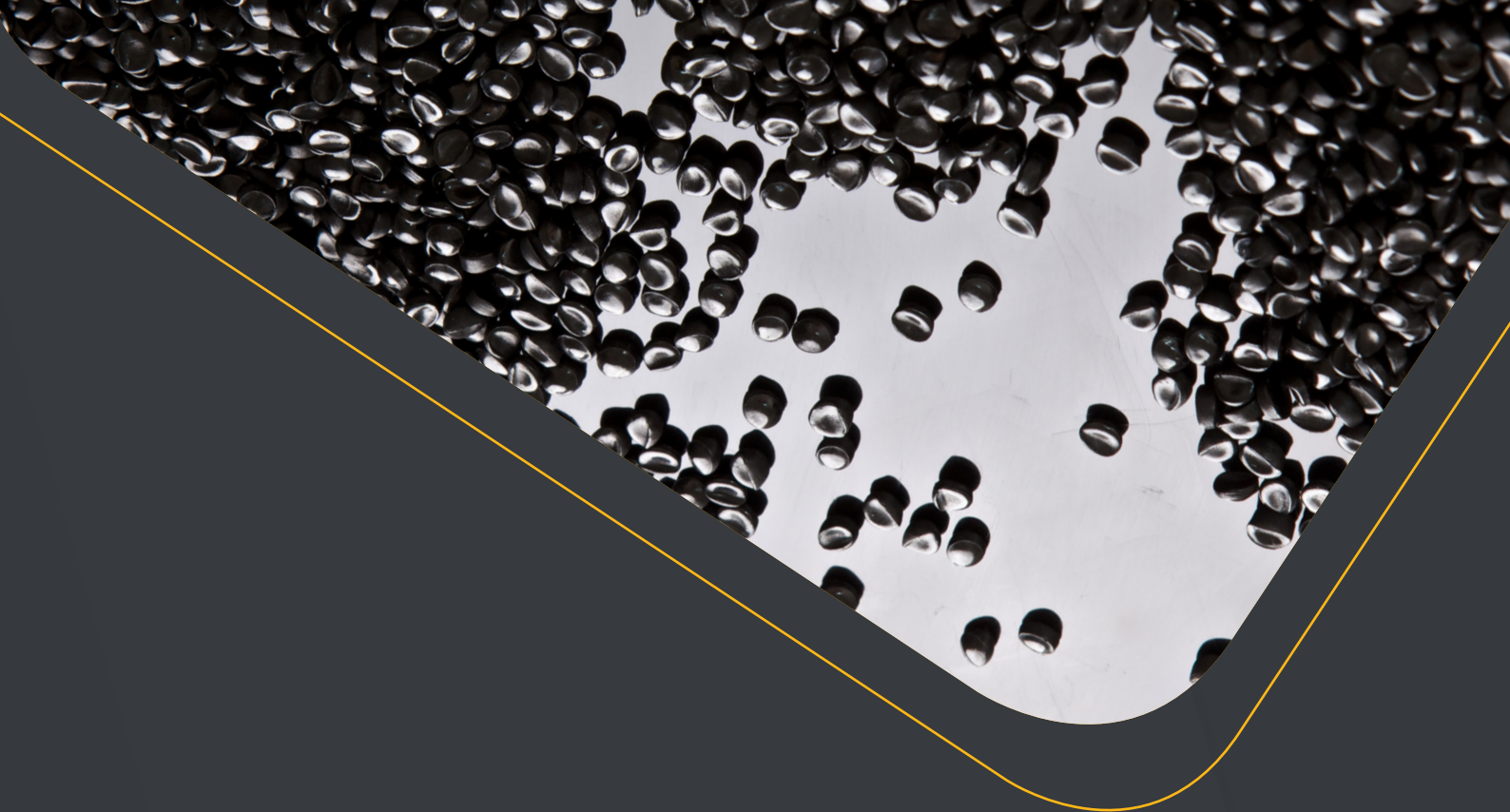
The only company in Israel that offers integrated fiberglass and plastic solutions



Personal customization

Manufacturing products by design and planning in advance according to customer needs





A.A.H. Plast Ltd.

37 YEARS of industry involvement



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🕒 **Opening Hours**

Sunday to Thursday

07:00 AM – 04:00 PM



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