

DELAV[®]

PLAST

CV

Delav Plast Cv



**Delav Company: For General Trading, Irrigation Equipment, Pesticides,
Fertilizer & Agricultural Seeds / Ltd.**

Delav Company is proud to serve as the exclusive distributor in Iraq for several globally renowned companies in the irrigation sector. Delav plays a pivotal role in providing advanced agricultural solutions by partnering with these industry leaders:

1. **Hunter Industries (USA)** – Delav is the exclusive distributor of Hunter Industries, a world leader in the manufacturing of irrigation systems and equipment. Hunter is known for its innovative technology, offering high-quality solutions for both commercial and residential irrigation needs.
2. **Elysee Company (Cyprus)** – A major global player in the production of irrigation fittings, Elysee specialises in all parts required for assembling irrigation and drip systems. Delav's partnership with Elysee brings these advanced, durable products to Iraq's landscape and agricultural and irrigation industries.
3. **Poelsan Company (Turkey)** – As one of Turkey's leading manufacturers of irrigation fittings, Poelsan produces essential components for assembling irrigation and drip systems. Through Delav's distribution, Poelsan's high-performance products are made available to customers across Iraq.
4. **Agrodrip** – Known for producing pressure-compensated (PC) dripline pipes, Agrodrip is a key player in the irrigation industry. These dripline pipes are crucial for maintaining efficiency and consistency in irrigation systems, particularly in challenging environments. Delav ensures that Iraqi landscape and agricultural projects benefit from Agrodrip's cutting-edge technology.

Through these exclusive partnerships, Delav continues to offer innovative irrigation solutions, providing farmers and industries in Iraq with access to some of the world's most advanced irrigation technologies.

Delav Company Owns Delav Plast Factory for Producing Advanced Polyethylene Pipes

Delav Plast Factory currently specialises in the production of PE100 and PE100-RC (Resistant to Crack) pipes, with diameters ranging from 20mm to 630mm. These pipes are designed to operate under pressures from 4 to 32 bars, and the factory maintains an annual production capacity of approximately 15,000 tons. This capability supports strategic projects such as drinking water transport, irrigation systems, gas distribution, telecommunications, and cable conduit distribution. All products are manufactured in accordance with the stringent standards of DIN 8074 PAS 1075 Type 1, EN 12201-2, and ISO 4427-2. For further details, please refer to the attached Delav Plast Catalogue.

Delav Plast Factory has acquired all necessary international certifications and test reports required by the Ministry of Municipality and the General Directorate of Water and Sewage in Kurdistan. These include the PAS 1075 Type 1 test report, examined by the German HESSEL Institute, five ISO certificates registered by UKAS, two Italian AXE Register ISO certificates. Delav is registered in the German DVGW certificate and has obtained all the test reports required by DVGW, and has obtained British WRAS Approval based on NSF Lab test reports. Key certifications and systems include:

- **Management System:** ISO 9001:2015
- **Health, Safety & Environment (HSE):** ISO 14001:2015, QHSAS 18001:2007
- **Quality System:** DIN 8074 PAS 1075 Type 1 / BS EN 12201-2 / ISO 4427-2 / CEN EN 1555-2
- **Full Quality Testing Cycle & Pipe Control:** German HESSEL test reports for PAS 1075 Type 1 for PE100-RC
- **German DVGW Registration:** For evaluating the chemical composition of HDPE PE100 and HDPE PE100-RC PAS 1075 Type 1 pipes, based on TZW Lab test reports, including Formulation Assessment, Microbial Growth DIN EN 16421, and Migration KTW-BWGL
- **British WRAS Approval:** Under Code 240755027, certifying suitability for contact with potable water for domestic purposes, based on NSF Lab BS6920-1:2000 test reports.

Delav Plast assures that its products meet, and in many cases exceed, the quality standards of products from developed countries, with 100% adherence to international norms and standards.



Why Use Delav Plast Products?

1. Delav Plast products are 10% to 15% cheaper than international products.
2. Imported pipes are limited to 12 meters in length due to transportation regulations, but Delav Plast products are as follows:
 - From sizes 20 to 125mm, can be produced in 100m rolls.
 - From sizes 125 to 630mm, can be changed from 12m to 14m lengths.
3. The points above will reduce the number of couplings, which is 7 couplings per hundred meters, thus we can make significant changes in the following:
 - Save accessories (fittings)
 - Reduce labour, energy and assurance costs
 - Increase age of the pipe
 - Increase speed and efficiency of the project
4. These cost and time recovery strategies allow for faster project completion, which allows two projects to be completed in the allotted time for one project.

Projects Support:

1. Delav provides financial support to the KRG through the water departments for the projects they directly implement and contractors and project owners by providing with their requirements in the form of loans within 2 weeks to 2 months until they receive their financial entitlements, ensuring the completion of projects on time without delay, without any additional charges compared to immediate cash purchases.

Agricultural Support:

1. Delav Plast supports local farmers by providing them with pipes and irrigation supplies on credit, allowing them to pay after selling their produce, without any additional charges compared to immediate cash purchases.
2. This support strengthens farmers financial stability, enabling them to focus on increasing agricultural output. As a result, it not only enhances agricultural productivity but also contributes to improving the country's overall economic position.

Delav Plast Laboratory

Delav Plast owns an advanced scientific laboratory that used modern technology and equipment to measure and test the produced pipes and to provide accurate and precise results of product qualities.

Delav Plast Lab tests and experiments run with the requirements of standard ISO 17025 in order to provide demands and legal requirements with liability, honesty, confidentiality and respect.



• Appearance	ISO 4427-2
• Effect of water quality	ISO 4427-2
• Marking.....	ISO 4427-2
• Minimum thickness (mm)	ISO 4427-2
• Average diameter (mm)	ISO 4427-2
• Maximum out-of-roundness (ovality)	ISO 4427-2
• Melt mass flow rate (gr/10min)	ISO 1133
• Density (gr/cm3)	ISO 1183-A
• Carbon black content (% by mass)	ISO 6964
• Dispersion	ISO 18553
• Appearance after the test dispersion	ISO 18552
• Oxidation induction time at 200°C (min)	ISO 11357-6
• Longitudinal reversion (%)	ISO 2505
• Hydrostatic strength at 20°C	ISO 1167-1
• Hydrostatic strength at 80°C	ISO 1167-1
• Elongation at break	ISO 6259-1,3

* Here are some international test reports and certificates achieved by Delav Plast:



Projects and Companies Using Delav Products:

1. **Directorate of Water and Sewage of Erbil Surroundings**
2. **Kar Holding** – A leading company in Kurdistan, Kar Holding has utilised Delav's high-quality products in its major projects.
3. **Mass Holding** – Another major player in the region, Mass Holding has employed Delav products in various large-scale projects.
4. **Palos Company** – Delav provided essential products for Palos Company's cable transportation systems.
5. **Water Transportation Project in Qaradax Town** (KNR Company) – Supplied 5 km of HDPE pipes with specifications: 125mm HDPE Pipe PE100, PN20, SDR9, in compliance with DIN 8074, EN 12201-2, and ISO 4427-2 standards.
6. **Water Transportation Project in Hawija Town** (Jamal Company) – Delivered 6 km of HDPE pipes with specifications: 160mm HDPE Pipe PE100, PN16, SDR11, in accordance with DIN 8074, EN 12201-2, and ISO 4427-2 standards.
7. **Rosneft** (RN – Zawita and MAL Petroleum) – Supplied 6 km of HDPE pipes with specifications: 140mm HDPE Pipe PE100, PN20, SDR9, meeting DIN 8074, EN 12201-2, and ISO 4427-2 standards.
8. **Lanaz Refinery Company, Erbil** – Provided 2.5 km of HDPE pipes with specifications: 315mm & 355mm HDPE Pipe PE100, PN20, SDR9, in compliance with DIN 8074, EN 12201-2, and ISO 4427-2 standards.
9. **Water Transportation Project in Sidakan Town (2023)** (Soran Independent Administration) – Supplied 10 km of HDPE pipes with specifications: 160mm HDPE Pipe PE100, PN16, SDR11, according to DIN 8074, EN 12201-2, and ISO 4427-2 standards.
10. **Karbala International Airport (2023)** – Delivered a complete irrigation system including pipes of various diameters, accessories, connections, sprinklers, and controllers according to the project's irrigation design.
11. **Potable Water Transportation Project for Al Hol Refugee Camp (Syria)** – Provided 35 km of HDPE pipes of varying sizes (315mm, 200mm, 160mm, 125mm, 110mm, 90mm, 75mm, and 50mm) for an American organisation's water project.
12. **Potable Water Transportation Project for Rojhalat Refugee Camp (Soran Independent Administration)** – Supplied 9 km of HDPE pipes with specifications: 125mm PN25, 110mm PN16, 90mm PN16, and 63mm PN16.

13. **Potable Water Transportation Project in Barmiza Village (Soran Independent Administration)** – Delivered 16 km of HDPE PN16 pipes in various sizes: 180mm, 160mm, 90mm, and 75mm.
14. **Potable Water Transportation Project for 8-Hasarok Neighbourhood in Erbil** – Supplying 3388 meters of polyethylene pipes for the mentioned drinking water transportation project, which is being implemented by the General Directorate of Water and Sewerage in Erbil, with the following specifications: 160mm HDPE Pipe PE100-RC PAS 1075 Type 1, PN10, SDR17 According to Standard DIN 8074

Through these diverse and high-profile projects, Delav continues to demonstrate its commitment to providing high-quality, internationally certified products that meet the demands of critical infrastructure projects across Iraq and beyond.

Delav Plast Factory

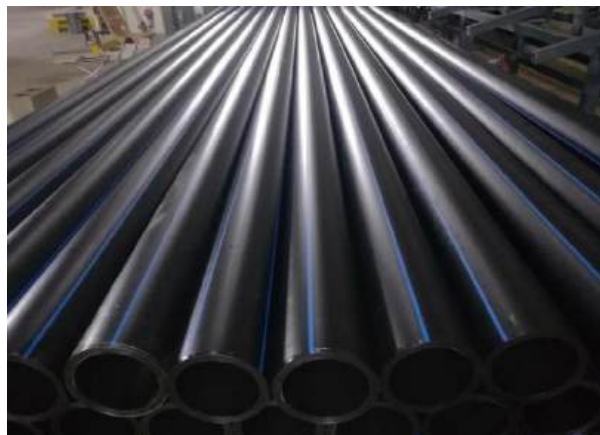
For Producing Advanced
Polyethylene Pipes



کارگهی دیلاڤ پلاست

بۆ بەرهەم هێنانی بۆری پلاستیکی پۆلی
ئەتیلینی پێشکەوتوو

* Here are some selection of Delav Plast products:



POLYETHYLENE PIPES

☒ **50 YEARS WARRANTY**

4 - 32 BAR
20 - 630mm

DVGW
TZW
Technologiezentrum
Wasser

HESSSEL

DELAV PLAST
Delav Plast for PE Pipe Industries

☎ 0750 388 3330 - 0773 445 4605
📍 Erbil - Kirkuk Highway, Qushtapa

POLYETHYLENE PIPE

FOR GAS DISTRIBUTION PROJECTS

☒ **50 YEARS WARRANTY**

DVGW
HESSSEL
Axe

DELAV PLAST

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P L A S T

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ISO 45001

DIN EN 1555-2