

KiMRIGID[®]

Rigid Foam Systems

PERFECT INSULATION



KIMPUR

Pipe Insulation Systems

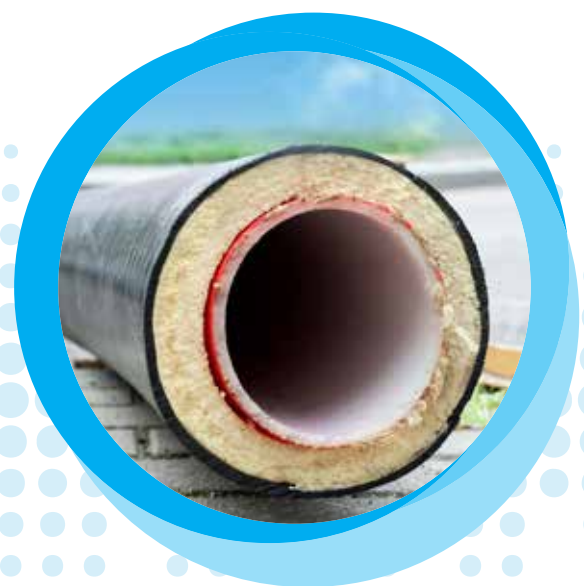
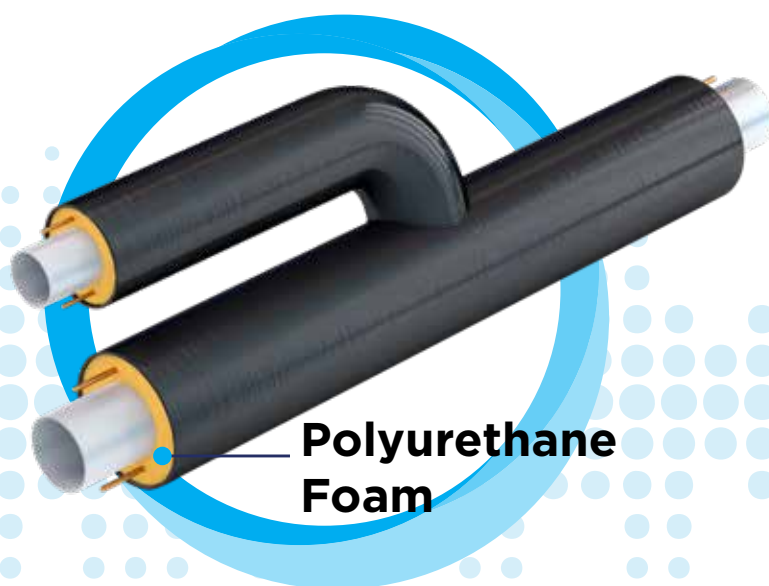
KiMRigid[®] Pipe Insulation Systems

Recently, the importance of energy-saving solutions in building materials has increased considerably in order to create a safe and sustainable environment, due to the climate change and the uncontrolled increase in consumption. The insulation of pipes, one of the most commonly used materials in buildings and industrial structures, has a high impact on energy savings. Therefore, high-performance insulation materials should be preferred to ensure pipe insulation.

Polyurethane ensures high resistance to chemicals, condensation and corrosion, thereby ensuring long-lasting use of the pipe, shows high resistance to ultra high and low temperatures (-50°C to 135°C) and has excellent insulation properties thanks to its low thermal conductivity coefficient (λ). For these reasons, it is often preferred as pipe insulation material. Polyurethane helps maintain a warmer pipe temperature to avoid heat loss in pipes and prevent freezing or cracking in cold climates.

The thermal conductivity coefficient (λ) value of polyurethane is lower than other insulation materials such as wood, rock wool and polystyrene, thanks to the high closed cell amount of rigid polyurethane foams. Therefore, the thermal insulation by rigid polyurethane foams is much higher than other insulation materials.

KiMRigid[®] Pipe Insulation Systems comply with the TS EN 253 Standard and offers solutions in various densities with high insulation properties in pipe insulation.



AREAS OF USAGE

- Oil and Gas Pipelines
- Regional Water Pipes
- Industrial Tanks

ADVANTAGES

- Saves energy.
- Ensures high heat resistance.
- Shows high mechanical resistance.
- Shortens the molding time and results in an increase in production performance, thanks to its very good adhesion to many surfaces and fast curing.
- Suitable for use with high and low pressure machines.
- Offers solutions in different densities.

KIMrigid® Pipe Insulation Systems

System Code	Certificate	Mixing Ratio (Polymix / Iso)	Blowing Agent	Free Density (kg/m ³)	Start Time (sec)	Gel Time (sec)
KIMrigid RP 006	TS EN 253 Determination of PUR Aging Characteristics in Insulated Piping Samples	135	Gas	42	36	156
KIMrigid RP 013	-	165	Water-based	40	40	153
KIMrigid RP 014	-	140	Water-based	60	9	26
KIMrigid RP 015	-	135	Gas	42	35	155
KIMrigid RP 016	-	165	Water-based	40	42	185
KIMrigid RP 017	-	165	Water-based	45	55	243
KIMrigid RP 018	-	160 + (%10 nPentane)	Pentane	65	43	170

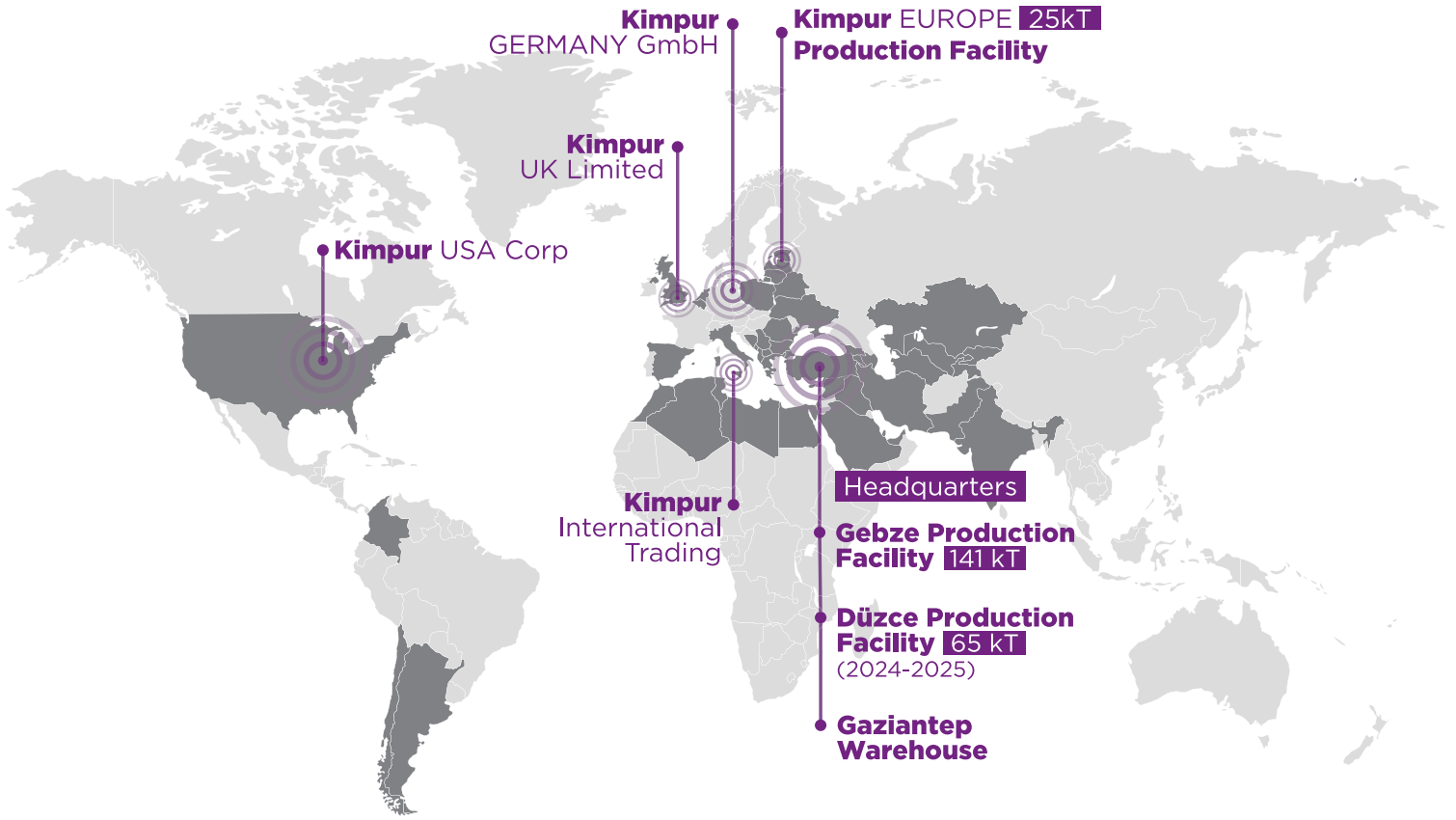
You can contact our sales office for further detailed information about the products, TDS and MSDS documents.



TÜRKİYE'S LARGEST POLYURETHANE SYSTEM HOUSE

Kimpur is the polyurethane system house with the largest capacity in the region, with a production capacity exceeding 200,000 tons. It leads the sector by exporting to more than 50 countries on 5 continents. Polyurethane systems produced; It is used in different sectors such as shoes, automotive, furniture, heating and cooling, insulation-construction and defense industry.

GLOBAL ACTIVITIES



United Nations
Global Compact



Kimpur Corporate Promotional Film
[Click to watch](#)





KİMTEKS POLİÜRETAN SANAYİ VE TİCARET A.Ş.

HEAD OFFICE:

İnkılap Mah. Dr. Adnan Büyükdeniz Cad.
No: 13, B Blok, Kat: 2, İç Kapı No: 6
34768 Ümraniye İstanbul TÜRKİYE
Phone : +90 212 809 15 50
Fax : +90 212 809 15 49

GEBZE PRODUCTION FACILITY:

Gebze Plastikçiler Organize
San. Bölgesi 7. Cadde No:43
41400 Gebze Kocaeli TÜRKİYE
Phone : +90 262 751 44 71
Fax : +90 262 751 02 57

DÜZCE PRODUCTION FACILITY:

OSB, Yakabaşı Mevki, 1. Cadde No:12,
81850 Gümüşova Düzce TÜRKİYE

KİMPUR EUROPE PRODUCTION FACILITY:

Brīvības iela 103, Liepāja,
LV-3401, LATVIA



For more information
uncommonsolutions@kimpur.com



www.kimpur.com

LEGAL INFORMATION

At Kimpur, we strive to provide you with the highest quality polyurethane systems, backed by our expertise and dedication to innovation. The information provided in this brochure is a reflection of our expertise and knowledge. However, we highly recommend for users to conduct their own thorough assessments and tests to ensure the suitability and optimal performance of our products for their intended applications. While we strive to provide accurate and reliable information, Kimpur does not assume any liability or offer any warranty, whether expressed or implied, regarding the properties, performance, or fitness for a particular purpose of our products. Descriptions, specifications, and other details provided herein are subject to change without prior notice and should not be considered as binding contractual guarantees. As the recipient of our products, our customers assume full responsibility for compliance with all applicable laws, regulations, and intellectual property rights. We highly recommend obtaining comprehensive information on product toxicity, adhering to proper handling procedures, and ensuring compliance with safety and environmental standards. At Kimpur, we value our partnership with you and strive to provide exceptional support. However, it is important to emphasize that the application, use, and processing of our products are ultimately the sole responsibility of the user. Please note that the safety data provided in this brochure is for informational purposes only and does not constitute a legally binding Material Safety Data Sheet (MSDS). To obtain the relevant MSDS, kindly request it from your supplier or contact us directly at uncommonsolutions@kimpur.com. Our team is ready to assist you with any inquiries or specific safety information you may need.

Edition: 2024