



NEDEX COMPANY PRESENTATION 2020

www.nedexgroup.com

About Us



In 1999, Unluer Brothers founded their first plant in Dilovası.

With a history dating back over 21 years, NEDEX is playing an important role in glass industry.

Their focus on Insulating Glass industry and production of all components for only IG industry, bring along specialising for the market demand.

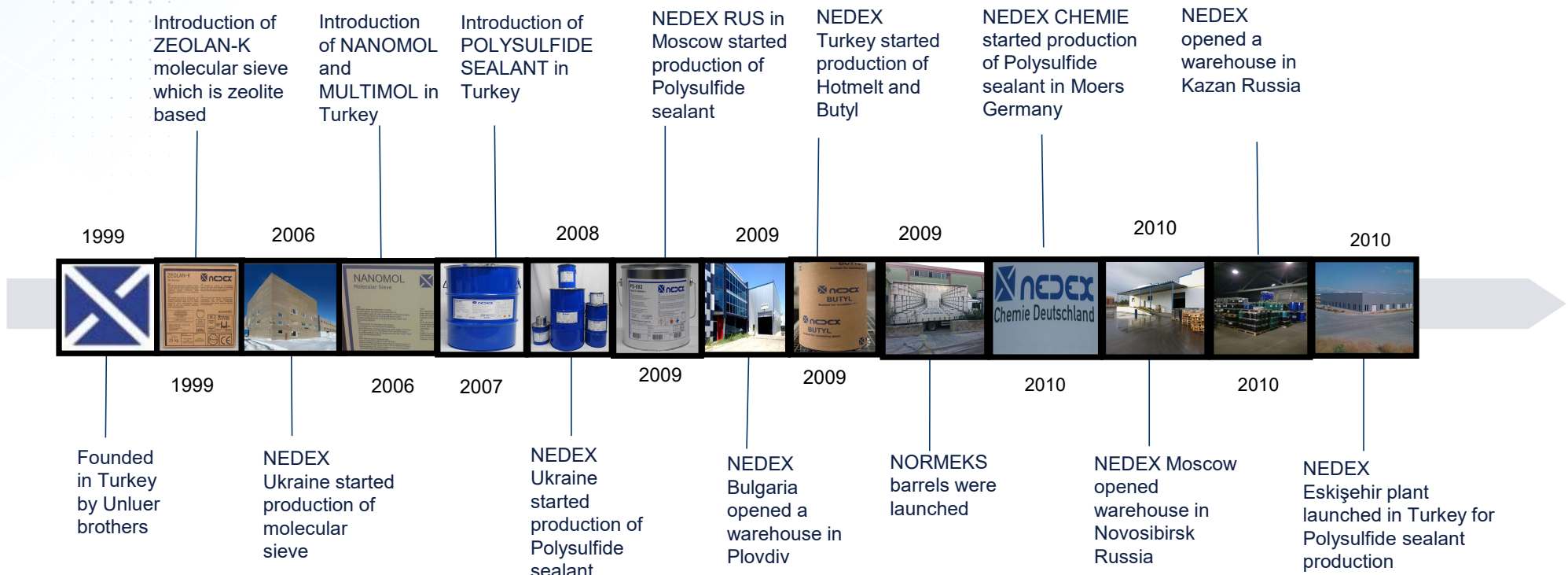
Today, NEDEX is producing nearly 35% of the molecular sieve world market and remarkable market share of the sealants and spacers, used in more than 55 countries, with a team of 500 people.

About 250.000.000 square meters of glass are produced a year, which contain NEDEX products.

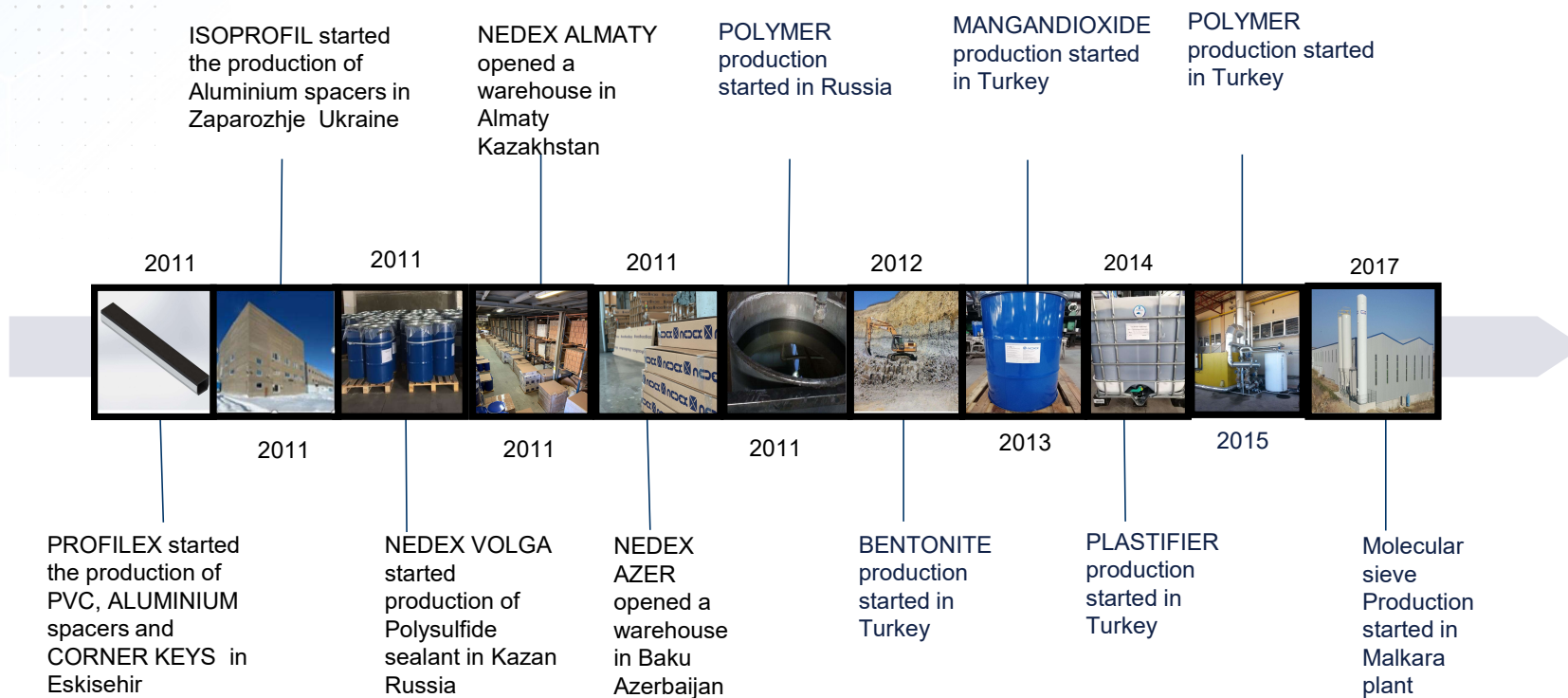
Products are certified according to **EN 1279:2018** and many other international standards.



Milestones of the Nedex history



Milestones of the Nedex history



Certificates



By combining the most innovative products considering environmental need of the world, NEDEX delivers solutions that improve the productivity, reduce costs and comply with increasingly stringent environmental regulations.

The firm's mentality is producing high quality products in order to meet the demands of the glass manufacturers.

Today, NEDEX is a well-known brand in the world registered with following certificates:

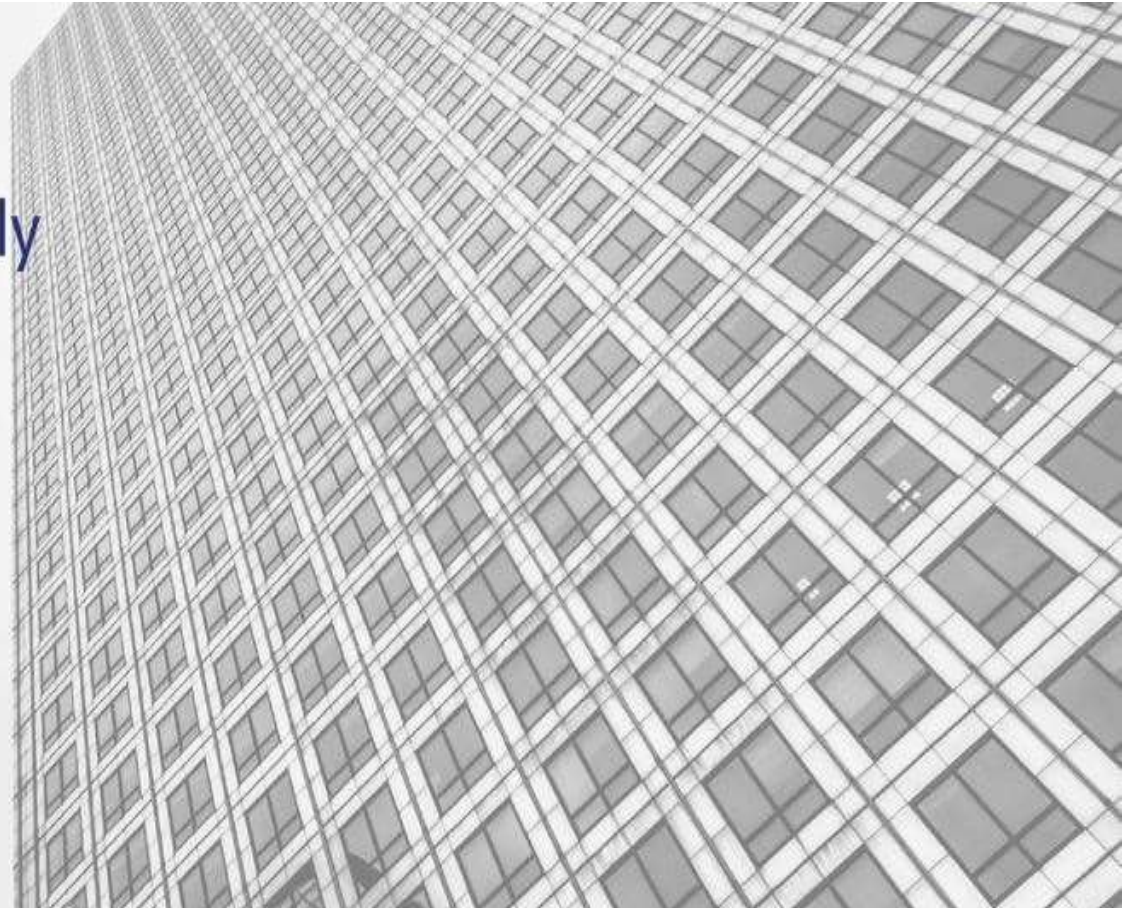


Product Range



Our all products are manufactured in our own facilities and we offer only what we manufacture with using **our own experience of 21 years.**

- Molecular Sieves
- Polysulfide Sealants
- Butyl
- Butyl Hotmelt
- Aluminium Spacers
- Warm Edge Spacers
- Corner Keys



Our Products

Nedex is producing all below components of edge system



MOLECULAR SIEVE

—
ZEOLAN- K
NANOMOL-C
NANOMOL
MULTIMOL

POLYSULFIDE SEALANT

—
PS-018
PS-002
KU-83

BUTYL & HOTMELT

—
PIB-996
KU-83B
MELTEX
KU-83H

SPACERS

—
ALUMINIUM
WARM EDGE

MOLECULAR SIEVE

ZEOLAN- K
NANOMOL-C
NANOMOL
MULTIMOL

- High water adsorption capacity
- Low gas desorption
- Optimized density
- Low moisture residence
- Low dust level
- High delta T value,
- Great Granulation



ZEOLAN-K is a mixture of 3A synthetic zeolites and natural binders. It is comparable with other zeolite based desiccants, however its low dust level and good flowability are important features.

NANOMOL-C is a mixture of calcium oxide containing natural desiccants and natural binders. It is produced with an in-house technique, features are no waste gases and water, low adsorption speed and high efficiency.

NANOMOL is a mixture of calcium oxide containing natural desiccants and natural binders. It is a good alternative to NANOMOL-C with its much lower adsorption speed to keep the product always fresh.

MULTIMOL is a mixture of calcium oxide containing natural desiccants and natural binders. It is easy to use, provides big cost savings with ideal IG life expectations.

POLYSULFIDE SEALANT

PS-018
PS-002



NEDEX is producing polysulfide based sealants named KU-83, PS-018 and PS-002. All have very low water vapour permeability, gas and very advanced chemical properties, in Turkey, Germany, Ukraine, Russia and Kazakhstan.

Polysulfide sealant formulations are based on in-house produced polymer, plastifiers and activated manganese. The chemistry is under best control and best compatibility with Nedex products are always an important advantage.

NEDEX polysulfide based outer sealants PS-002 and PS-018 are for Insulating Glass Units with specifications according to EN 1279:2018.

NEDEX is producing in each market a sealant formulation according to the expectations of the relevant market. By using the production sites, transport expenses for some chemicals from local markets are reduced. NEDEX is producing its own barrels and metal boxes for polysulfide sealants in Istanbul, Moers and Zaparozhje, using local steel at advantageous costs. By those measures NEDEX polysulfide sealants are high quality products at very reasonable prices with best logistic network.



BUTYL & HOTMELT

**PIB-996
KU-83B
MELTEX
KU-83H**



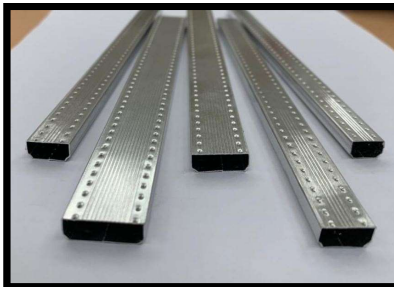
NEDEX is producing single component primary sealant butyl and single component secondary sealant hotmelt for insulating glass units in Turkey and Germany.

Both products have very good physical and chemical properties. The most important moisture vapour permeation rates are at minimum levels. They have optimal resistance to low and high temperatures. They have good properties in terms of resistance, flexibility and adhesion.

NEDEX primary butyl sealant can be in black and grey colours. KU-83B and PIB-996 fully comply with European EN 1279:2018 standards. NEDEX hotmelt is offered with Meltex and KU-83H brands.

ALUMINIUM & WARM EDGE SPACERS

ALUMINIUM WARM EDGE



NEDEX is producing aluminium and warm edge spacers with latest technology and highest quality for insulating glass units. All NEDEX spacers fully comply with European EN 1279:2018 standards.

NEDEX offers aluminium spacers in a wide range of variations in terms of width (5,5 to 23,5 mm), length (3 to 6 m), wall thickness (0,18 to 0,35 mm) and colour. Upon request, they can be bendable and butylized.

Nanobar warm edge spacer can be produced in widths between 7,5 mm and 23,5 mm with different rigidity factors (-F, -M or -R). Nanobar warm edge spacers can be shown as high quality new generation plastic compound with metallic diffusion barrier with outstanding stability, rigidity, excellent thermal characteristics, perfect form, improved energy efficiency, excellent psi values, UV resistance and optical appearance. Upon request, they can be bendable and butylized.

Our Locations



TURKEY

Head Quarter : Istanbul
Factories : Istanbul,
Kocaeli, Eskişehir, Tekirdağ



GERMANY

Factory: Moers



KAZAKHSTAN

Factory: Almaty



UKRAINE

Factory: Zaporozhye



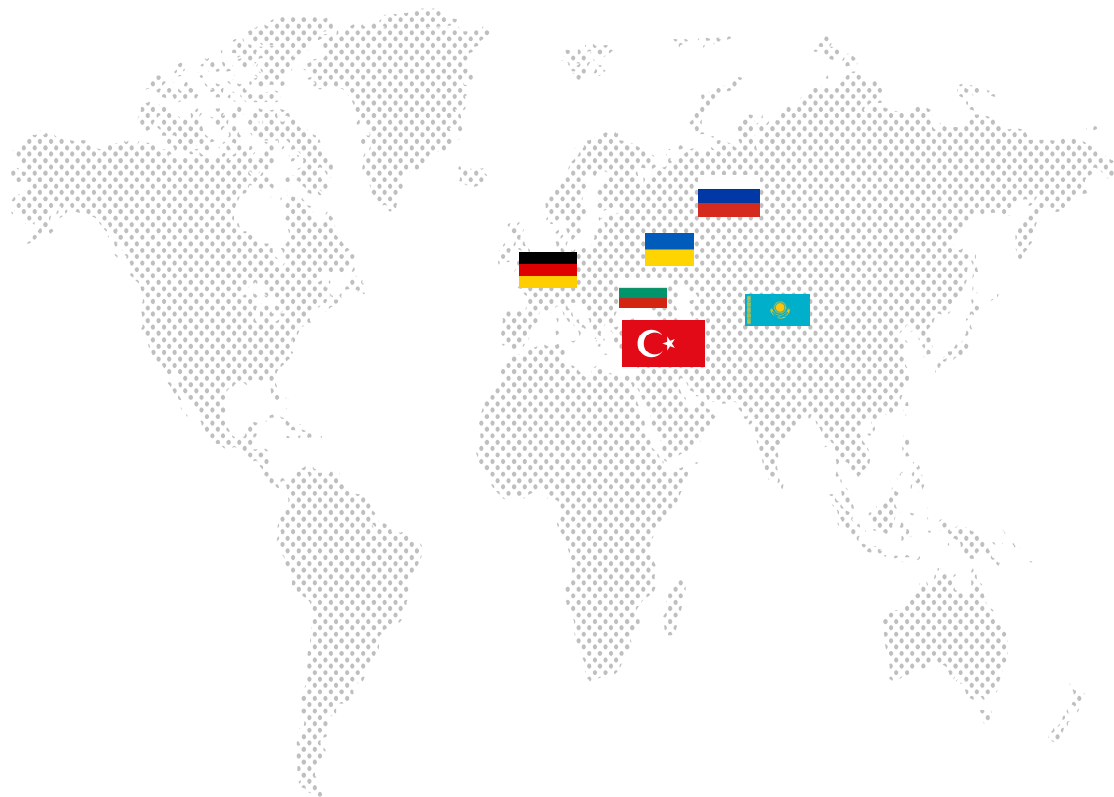
BULGARIA

Factory: Plovdiv



RUSSIA

Factories: Tula, Novorossiysk



**A GLOBAL PARTNER
WITH LOCAL FOCUS
AND WIDE SERVICE NETWORK**

Production capacity in Turkey



Dilovası, Kocaeli



The first production facility of NEDEX Group on 1 hectare of land and 7.600 square meters of closed area.

80 tons/day Molecular Sieve
60 tons/day Polysulfide Sealant

Eskişehir



The second production facility of NEDEX Group in Turkey on 2 hectare of land and 8.000 square meters of closed area.

10 tons/day Butyl
10 tons/day Hotmelt
100 km/day Butyld Aluminium Spacer
350 km/day Aluminium Spacer
100 km/day Warmedge Spacer

Malkara, Tekirdağ



The third production facility of NEDEX Group in Turkey on 2 hectare of land and 8.000 square meters of closed area.

30 tons/day Molecular Sieve

Production capacity in other countries



Moers, Germany



The first production facility of NEDEX Group in Europe on 2,3 hectare of land and 1.600 square meters of closed area

30 tons/day Polysulfide Sealant
5 tons/day Butyl

Zaparozhye, Ukraine



The first production facility of NEDEX Group in Old Soviet Union on 2,5 hectare of land and 7.000 square meters of closed area.

30 tons/day Molecular Sieve
30 tons/day Polysulfide Sealant
200 km/day Aluminium Spacer

Plovdiv, Bulgaria



Warehouse in Plovdiv/Bulgaria on 1,2 hectare of land and 2.000 square meters of closed area.

Production capacity in other countries



Moscow, Russia



The first production facility of NEDEX Group in Russia on 1,5 hectare of land and 6.000 square meters of closed area.

60 tons/day Polysulfide Sealant

Almaty, Kazakhstan



The first production facility of NEDEX Group in Kazakhstan on 5 hectare of land and 1.500 square meters of closed area.

30 tons/day Polysulfide Sealant



THANK YOU

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