



TECNOTHANE® seals: For gaskets you can be confident about

When it comes to making industrial seals for use in hydraulic, pneumatic and mechanical equipment, it's essential to be confident in the capabilities of any materials you are using.

TECNOTHANE® seals

We have a range of TECNOTHANE® engineering elastomers for the production of seals, which offer a low compression set alongside very good tear, hydrolysis and oil resistance. Typical applications include wipers, rod seals, piston seals, - rotary seals, wheels, pulleys, guides, protection and dampening elements, lifting equipment.



Technical properties

Material	MPC2413	MPT115	SWP4000N	MPT7516
Hardness Range	80ShA - 55ShD	80ShA - 60ShD	80ShA - 55ShD	65ShD - 75ShD
Tear Resistance	✓✓	✓	✓✓✓	✓✓✓
Compression Set	✓✓✓	✓✓	✓	
Low Temp Resistance	✓✓	✓✓✓		✓✓
High Temp Resistance	✓✓	✓	✓✓✓	
Hydrolysis Resistance	✓✓	✓✓✓	✓✓✓	✓✓✓
Chemical Resistance	✓	✓✓	✓✓✓	✓✓
Oil Resistance	✓✓✓		✓✓✓	✓
Application	Any kind of Pneumatic and Hydraulic gaskets such as: wipers, rod seals, piston seals, rotary seals	Any kind of Pneumatic and Hydraulic gaskets such as: wipers, rod seals, piston seals, rotary seals	Any kind of Pneumatic and Hydraulic gaskets such as: wipers, rod seals, piston seals, rotary seals	Any kind of Pneumatic and Hydraulic gaskets such as: wipers, rod seals, piston seals, rotary seals

MPC2413 – All purpose heavy-duty Special polyester

Key benefits: low comp set, high mechanical resistance, high flexibility, good oil and hydrolysis resistance

MPT115G – best in class for water and low temperature resistance

Key benefits: high flexibility, excellent water resistance, low abrasion, high rebound resilience

SWP4000N – Special Carbonate-based PU for high temperature solution

Key benefits: high temperature resistance, excellent water resistance, good acid-base resistance, high tensile and tear strength

MPT7516 – High Hardness Plastic PU (replacement Polyamide)

Key benefits: Combination of High hardness and elongation, excellent hydrolysis resistance

TECNOELASTOMERI
Engineering Urethane Elastomers

HUNTSMAN
Enriching lives through innovation

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