



► X-TONE

New Generation

High Performance Thermoplastic

Kastas Sealing Technologies



► X-TONE

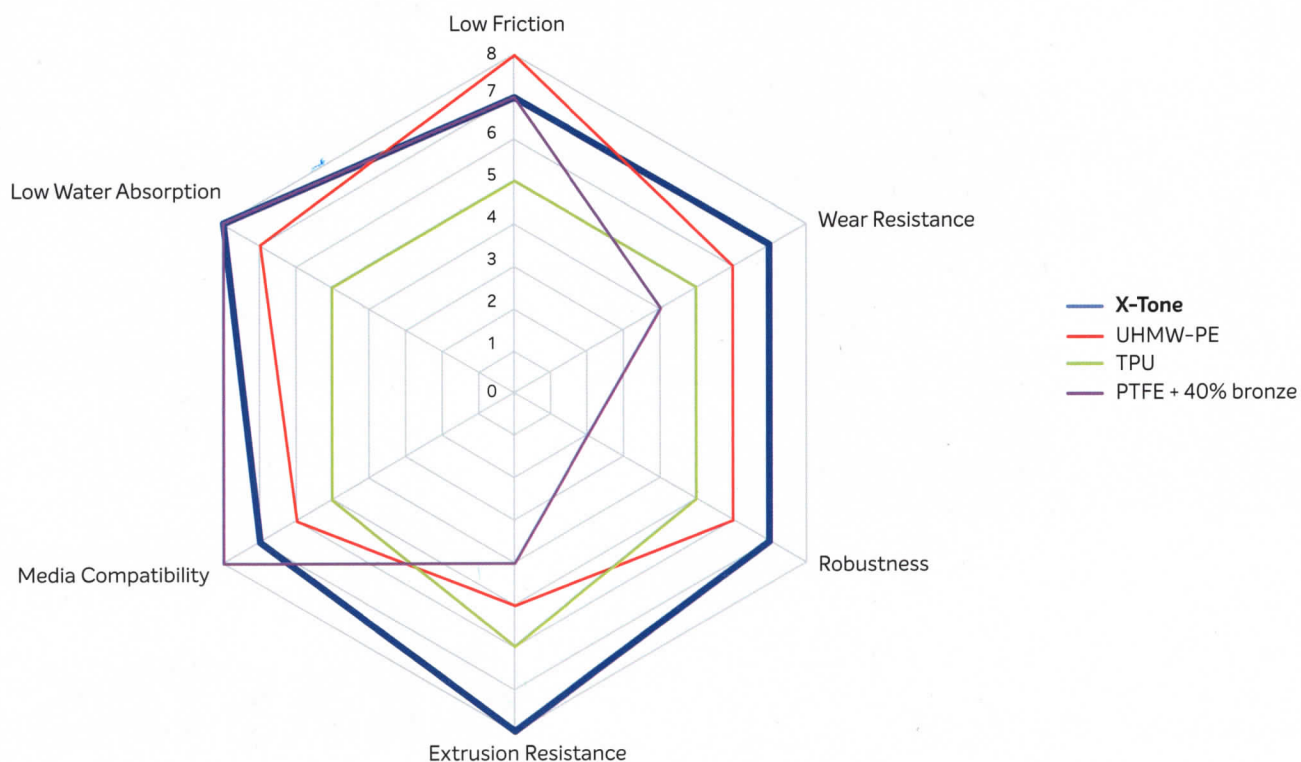
New Generation High Performance Thermoplastic

Kastas Sealing Technologies has developed a product line from a new premium material, X-Tone High Performance Thermoplastic. **X-TONE** is a Polyketon (PK) material, a premium thermoplastic, with superior mechanical properties that will be the ultimate solution in a wide range of challenging applications.



- **Extreme Wear Resistance**
- **Superior Extrusion Resistance**
- **High Temperature Resistance**
- **Media Compatibility**
- **Hydrolysis Resistance**
- **Low Water Absorption**
- **High Resilience**
- **Dimensional Stability**

X-TONE has superior mechanical properties compared to many other thermoplastic materials,





Back-Up Rings



X-TONE back-up rings offer higher extrusion resistance compared to other thermoplastics as well as better thermal stability.

Piston Seals



X-TONE piston seals, are generally compact seals with an elastomer energizer and offers outstanding wear and abrasion resistance on rough surfaces as well as better extrusion resistance.

Wipers



X-TONE wipers are outstanding scrapers that can work on rough surfaces and also very resistant against tear and rupture as a wiper.

Guide Rings



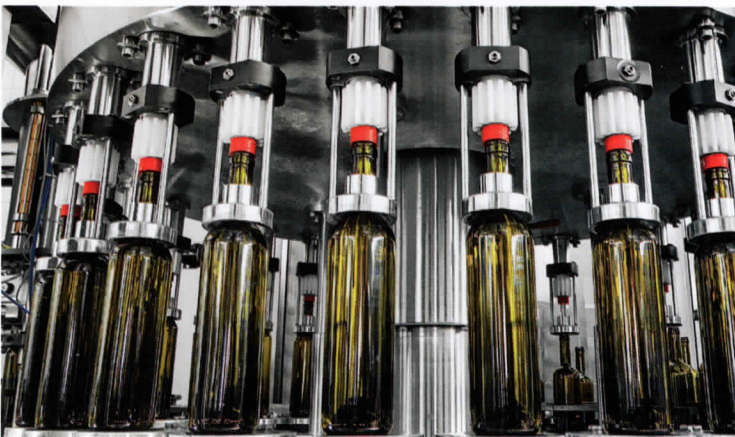
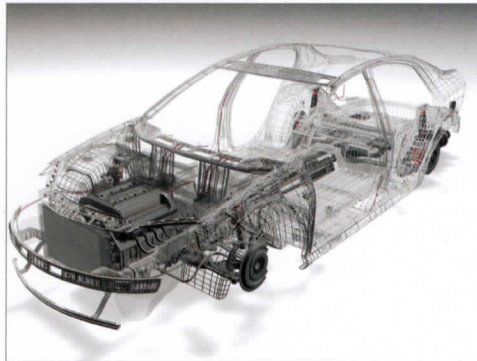
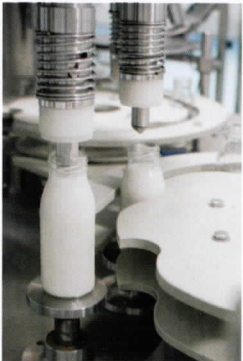
X-TONE guide rings offer superior guiding performance compared to other thermoplastic guide rings due to its higher load bearing properties and impact resistance.

Rotary Seals



X-TONE rotary seals offer long service life and stability due to outstanding wear and abrasion resistance of the material.

Due to its outstanding mechanical properties and media compatibility, **X-TONE** can safely be used in a wide range of applications in hydraulics, automotive, aviation, chemical and process industries as well as an engineering component in industry and consumer products.



Mobile Hydraulics

- Construction Machinery
- Hydraulic Breakers
- Lift Equipment / Material Handling Equipment
- Cranes
- Agriculture Equipment

Oil & Gas Industry

Industrial

- Injection Molding Machines
- Process Industry

Automotive

- Fuel Systems
- AdBlue compatible
- Cooling Systems
- Shock Absorbers

Food and Beverage Industry

Pharmaceutical Production

Consumer Products

Certifications

- KTW / W270 up to 85°C
- ACS 23°C
- NSF 61 to 82°C
- WRAS to 85°C
- EU 10/2011
- FDA



X-TONE

New Generation

High Performance Thermoplastic

Kastas Sealing Technologies A.S.

Menemen Plastik İhtisas O.S.B. 1.Cadde No:4

35660 Menemen / İZMİR / TURKEY

Tel : +90 232 376 88 26

Fax : +90 232 376 87 57

info@kastas.com

www.kastas.com

Kastas Sealing Technologies Europe GmbH

Robert-Bosch-Str. 11-13

25451 Quickborn / GERMANY

Tel : +49 4106 809 280

Fax : +49 4106 809 28 49

europe@kastas.com

www.kastas.com