

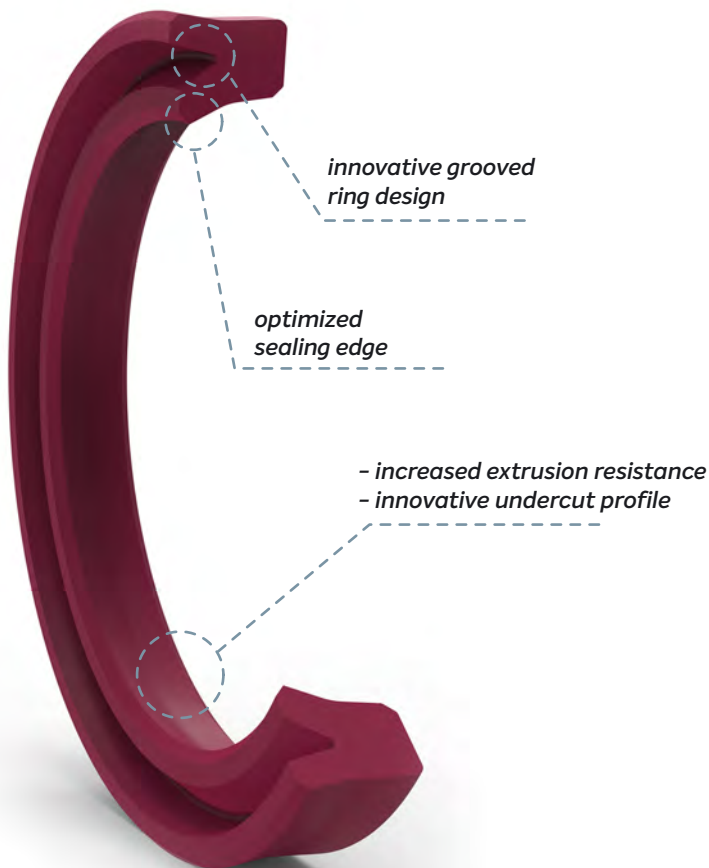


▶ **XT200[®]**
eXTrusion resistant rod seal

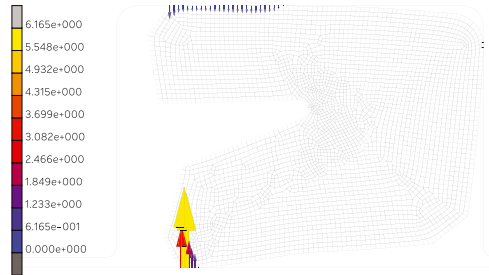
▶ XT200[®]

eXTrusion resistant rod seal

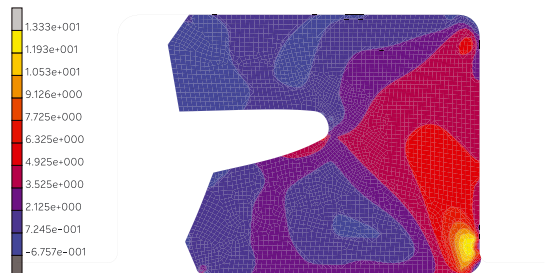
Introducing XT200, the result of two years of intensive research and development. This extrusion-resistant rod seal is a breakthrough in sealing technology, crafted to meet the demands of challenging applications where both extrusion resistance and low leakage are imperative. Designed with precision and innovation, XT200 demonstrates our commitment to excellence, offering unmatched performance and reliability in even the most demanding environments.



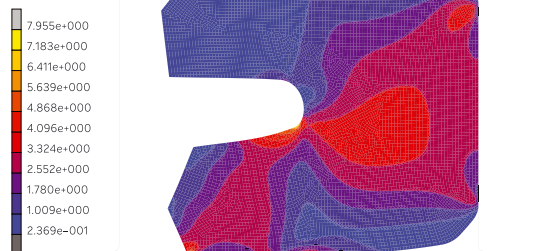
- eXTrusion Resistance
- High Temperature Resistance
- Low Leakage
- Long Service Life



XT200 is designed to offer optimum contact with the counter-surface for advanced friction, extrusion and leakage behavior.

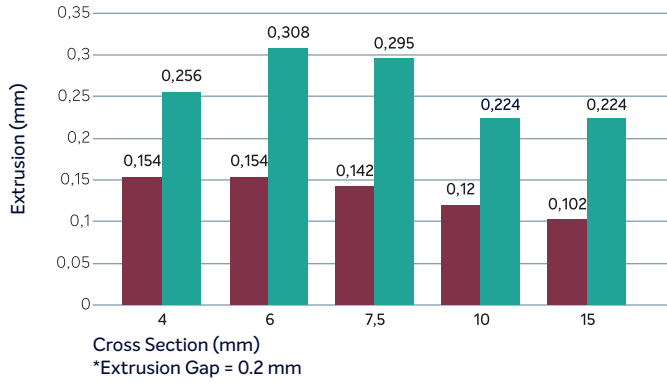


XT200 incorporates an innovative undercut profile specifically developed to provide optimum dynamic sealing edge, thereby ensuring lower friction and lower extrusion under pressure.

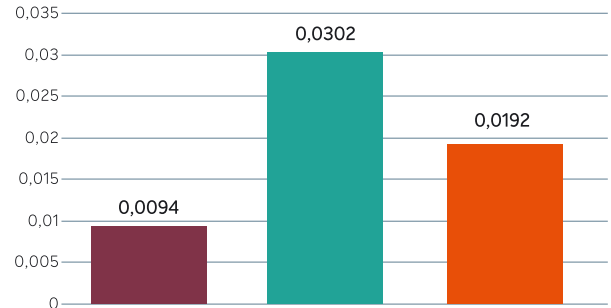


XT200 also benefits from an innovative grooved ring design and special lip geometry, which was verified through extensive testing to provide optimum preload and low-leakage.

Extrusion at 400 bar



Total Leakage (ml/100m)



 XT200

 U-Cup 1

 U-Cup 2

Areas of Application



Construction Machinery



Material Handling



Plastic Injection Moulding Machinery



Hydraulic Breakers



Platform Lifts



Forklifts

▶ XT200[®] made of PU9414

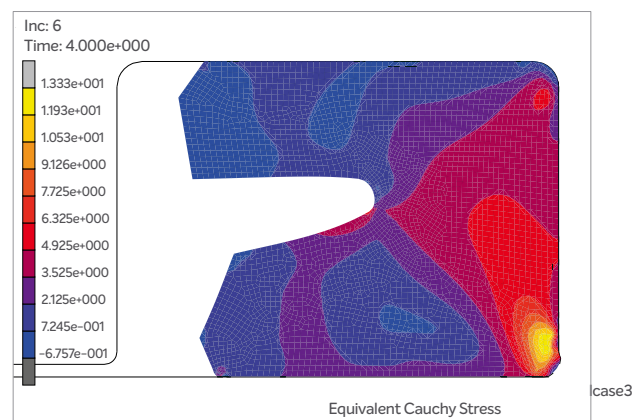
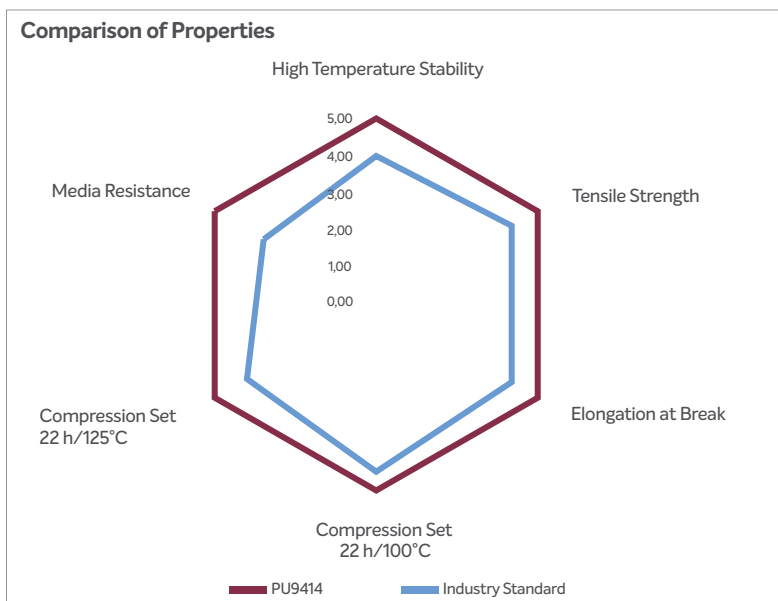
High Temperature Premium TPU

XT200 is made of **PU9414** which is new generation polyurethane developed by **Kastas Sealing Technologies** that combines excellent viscoelastic properties and extrusion resistance for high temperature applications.

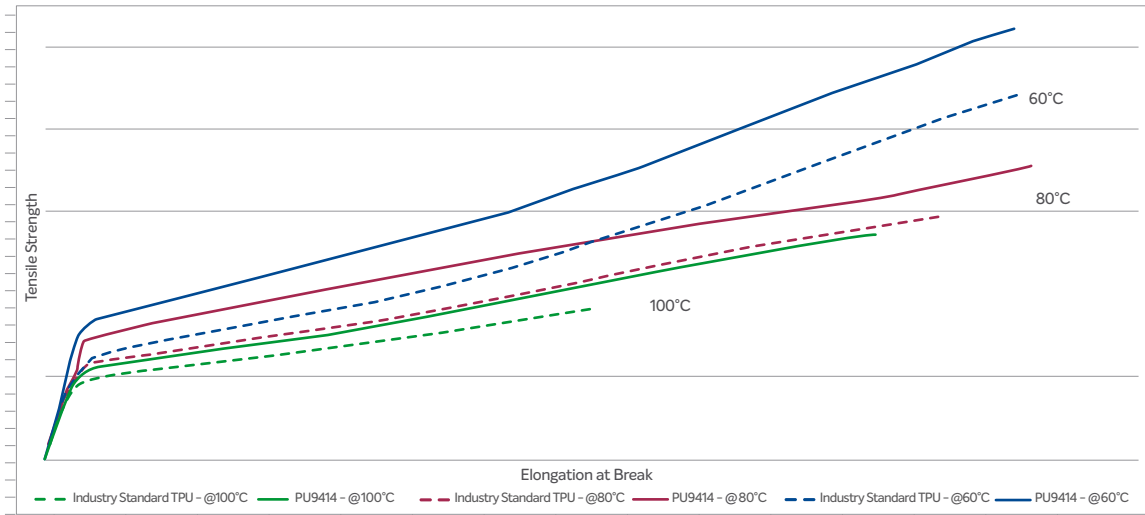


- High Temperature Resistance
- Superior Abrasion Resistance
- Hydrolysis Resistance
- High Extrusion Resistance

New generation **PU9414** TPU has superior mechanical properties compared to standard TPU grades and a better sealing performance in challenging working parameters that are tested and approved in long term bench and field tests.



PU9414 polyurethane has superior extrusion resistance even at extreme temperatures.



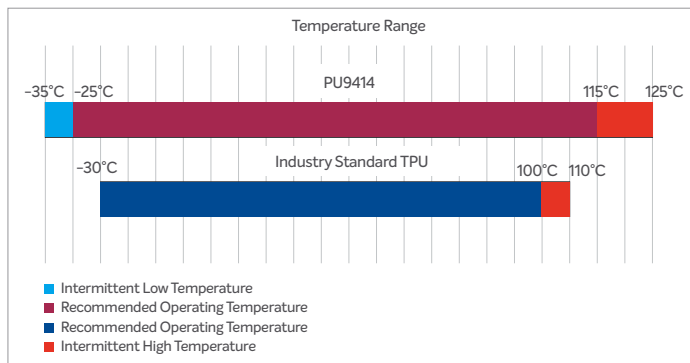
PU9414 is recommended for the following designs:

Rod Seals: XT200®, FR200®, K31, K33

Piston Seal: XT300

Buffer Seal: K29

Wipers: K05, K107



The new premium polyurethane **PU9414** is developed for challenging applications and extreme operating conditions where high temperature resistance is required. **PU9414** can be used in various seal designs, mainly rod seals for mobile equipment and generally all heavy duty applications where extrusion, high temperature, abrasion resistance are required at the same application.





▶ **XT200[®]**
eXTrusion resistant rod seal

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