# Total Leakage (ml/100m) Extrusion at 400 bar 0,0302 Cross Section (mm) \*Extrusion Gap = 0.2 mm U-Cup 1 XT200<sup>®</sup> U-Cup 2

### **Areas of Application**





Support Cylinders



Material Handling



Plastic Injection Moulding Machinery

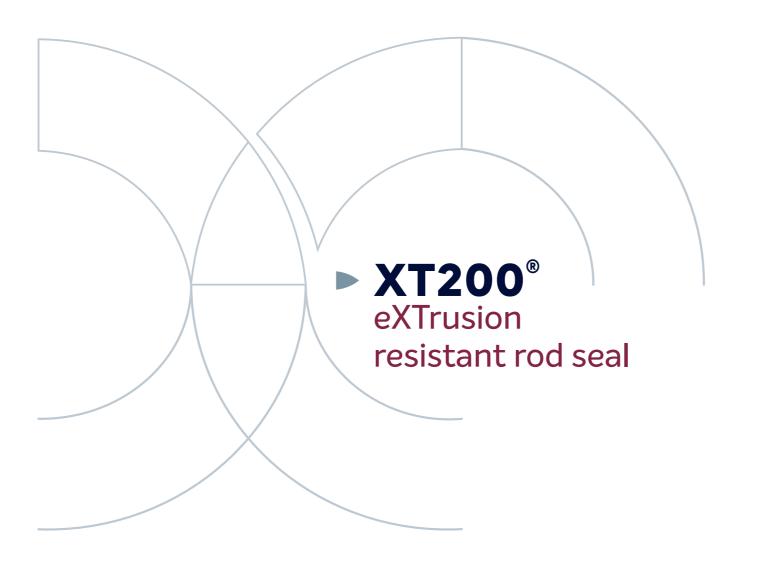




Platform Lifts



Forklifts



#### Kastas Sealing Technologies A.S.

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





**XT200**<sup>®</sup> eXTrusion resistant rod seal





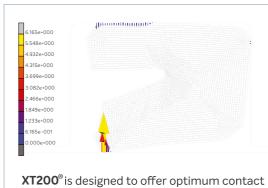
# **XT200**<sup>®</sup>

### eXTrusion resistant rod seal

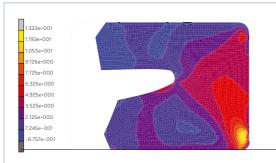
XT200° is an innovative rod seal developed for challenging high temperature applications that require both extrusion resistance and low leakage.

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

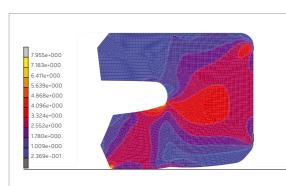




 $\begin{tabular}{ll} \textbf{XT200}^{@} is designed to offer optimum contact \\ with the counter-surface for advanced \\ friction, extrusion and leakage behavior. \\ \end{tabular}$ 



**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.

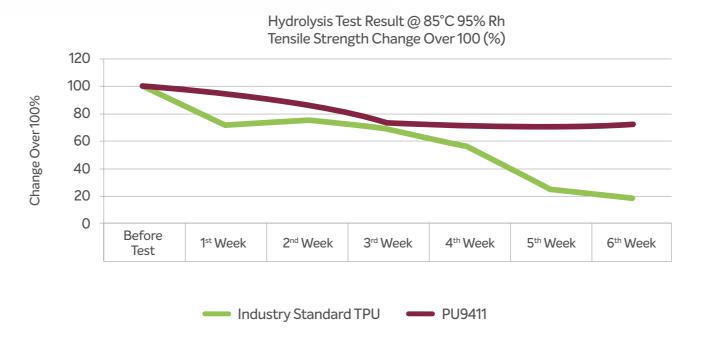
## **► XT200**<sup>®</sup> made of **PU9411**

## High Temperature Premium TPU

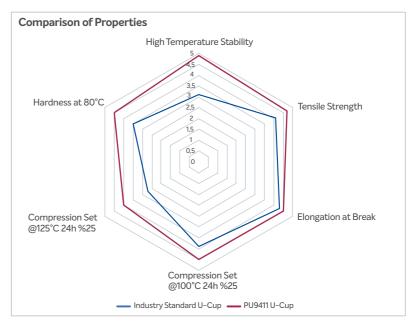
XT200° is made of PU9411 which is new generation polyurethane developed by Kastas Sealing Technologies that combines excellent viscoelastic properties and extrusion resistance for high temperature applications.

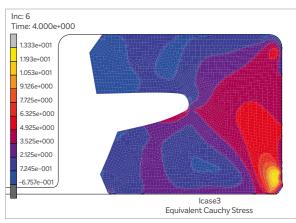


- High Temperature Resistance
- Superior Abrasion Resistance
- High Extrusion Resistance
- Hydrolysis Resistance



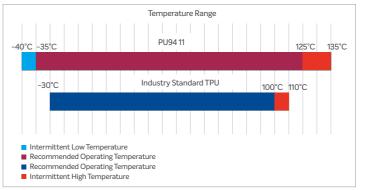
The new PU9411 polyurethane assures better results and life-time than other polyurethanes in the market with its superior properties that have proven itself in long time tests both in-house and also at the field.

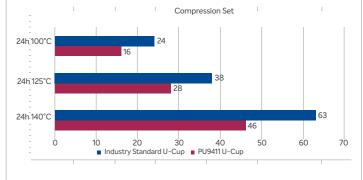


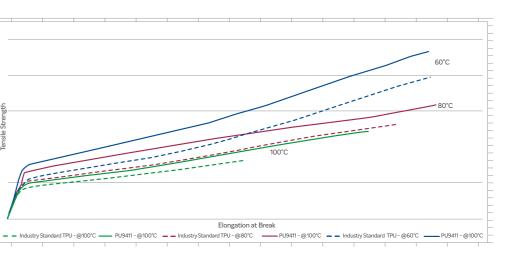


**PU9411** polyurethane has superior extrusion resistance even at extreme temperatures.

The new premium polyurethane **PU9411** is developed for challenging applications and extreme operating conditions where high temperature resistance is required. **PU9411** 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. **PU9411** is the ultimate solution for all cylinders that are exposed to high-temperature painting process.







### PU9411 is recommended for the following designs:

Rod Seals: XT200®, FR200®, K31, K33

Buffer Seal: K29 Wipers: K05, K107