



## Sealmatic Successfully Delivers Type UFLWT900 Double Metal Bellow Seal For Bitumen Application

The sealing systems employed in applications involving what are in many cases explosive, toxic or aggressive media have to ensure optimum tightness. On the other hand, they should also help optimize processes and thus be of advantage where the economic aspects are concerned as well. A proper application know how is employed in designing critical sealing points – for which complex engineering standard are deployed – right through to highly complex system solutions required where particularly difficult operating conditions are concerned.



Operating Parameters Of Type UFLWT900 Double Metal Below Seal						sealmatic®
Sr No	Seal Type	RPM	Media	Temperature (°C)	Stuffing Box Pressure (kg/cm <sup>2</sup> )	API Plan
1	91-UFLWT900/80-G911	1800	Bitumen	250°C	1.5 kg/cm <sup>2</sup>	54

As per the above-mentioned operating parameters. We are pleased to announce that Sealmatic Type UFLWT900 double metal below seal has been successfully installed for bitumen application. Thus, offering tailor made solutions, safety in operation and maintenance with a view to achieve highest safety standards.

### Sealmatic Type UFLWT900 Double Metal Bellow Seal

Type UFLWT900 is a balanced double metal bellow seal which is mainly suitable for high and low temperature application, the bellows of the seal is design efficiently to ensure self – cleaning, it also minimizes the variation in face load due to shaft expansion or face wear. Moreover, the seal provides independent of direction of rotation.

#### Performance Capabilities

- Shaft diameter: d1 = 20 ... 110 mm (0.79" ... 4.33")
- p = vacuum ... 25 bar (... 363 PSI)
- Temperature: t = -75 °C ... +400 °C (-103 °F ... +752 °F)
- Sliding velocity: vg ... 23 m/s (... 75 ft/s)

#### Typical Industrial Applications

- API 610/ISO 13709 pumps
- Chemical & Petrochemical industry
- Cold media
- Highly viscous media
- Hot media
- Power plant technology
- Refining technology
- Oil and gas industry
- Power plant technology
- LPG plants
- Process pumps

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