



## 载重车驾驶液压翻转密封系统手册

### Manual of Hydraulic Sealing System for Truck



Professional manufacturer of engineered polymer products



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## Company Profile

Suzhou PULIM Sealing Technology Co., LTD. (UTEC's shareholding company) focuses on high-end polyurethane and PTFE materials, using injection molding process to research and produce high-performance polyurethane particle material and high quality polyurethane materials and sealing products, to provide high-quality sealing solutions for energy equipment, engineering equipment and transportation equipment industries.

UTEC (Suzhou) Sealing Technology Co., Ltd. is a wholly-owned subsidiary of China's leading sealing enterprise A-share listed company Zhongmi Holdings. It focuses on mould-free sealing processing technology (sealing processing equipment rubber and plastic sealing materials and mould-free sealing products of any size and any section of any material) and TBM seals. Its products have won wide praise in mining, metallurgy, machine tools, energy and other industries.

PULIM and UTEC have a wide range of R&D platforms, including polyurethane, PTFE, rubber sealing materials and sealing products of the high-end research and development and process platform.

It is our mission to provide high quality engineered polymer products for the equipment manufacturing industry in China and even the world.

## Vision

Committed to become an international first-class engineering polymer production and research enterprise.

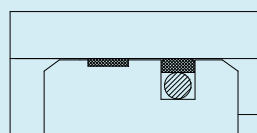
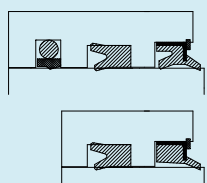








## Company Culture

Responsibility, Innovation, Openness, Vision

## Cab rollover hydraulic cylinder seal system



### Introduction to sealing system

Position		Piston seal system	Rod seal system	
Turn over the hydraulic cylinder Use condition •Pressure : 0 ~ 35MPa •Temperature : -40 ~ 80℃				
Position	Applicable Model		Material Name	Usage Temperature
Piston Seal	 PLMB08D		PLMFLON+BRONZE(PTFE+BRO NZE)+PLMRUBBER-N(N BR)	-30℃~100℃
			PLMFLON+BRONZE(PTFE+BRO NZE)+PLMRUBBER-HN(HNBR)	-25℃~150℃
Buffer Ring	 PLMR09S		PLMFLON+BRONZE(PTFE+BR O NZE)+PLMRUBBER-N(N BR)	-30℃~100℃
			PLMFLON+BRONZE(PTFE+BRO NZE)+PLMRUBBER-HN(HNBR)	-25℃~150℃
Rod Seal	 PLMR17  PLMR17-S Pressure relief		PLMRUBBER-N(NBR)	-30℃~100℃
			PLMPUR(PU)	-30℃~110℃
Wiper	 PLMW03A  PLMW03C		PLMRUBBER-N(NBR)	-30℃~100℃
			PLMPUR(PU)	-30℃~110℃
Guide	 PLMG02 PLMG01	Standard	PLMFION-3(PTFE+BRONZE)	-55℃~220℃
		High strength	PLMTEX(Phenolic resin san dwich cloth)	-55℃~120℃
Back-up Ring	 PLMB08	Standard	PLMFLON+BRONZE(PTFE+ BRO NZE)	-55℃~220℃
		High strength	PLMPA(PA)	-55℃~120℃

Pressure storage should be prevented when the seals are used back-to-back or in series. Therefore, please use seals with pressure relief function.