



高机液压密封系统产品手册

Manual of Aerial Work Platform Sealing System



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.

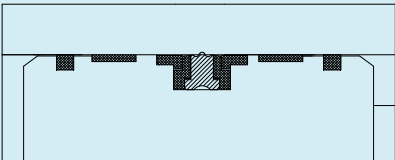
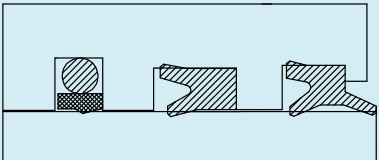








Company Culture

Responsibility, Innovation, Openness, Vision

High machine hydraulic cylinder sealing system solutions



Introduction to sealing system

Position		Piston seal system		Rod seal system	
Luffing cylinder Use condition •Pressure : 0 ~ 20.6MPa •Speed : 20 ~ 30mm/s •Temperature : -30 ~ 100℃		double-acting cylinder			
Position	Applicable Model		Material Name		Usage Temperature
buffer ring	 PLMR09S		PLMRUBBER-N(NBR) PLMFLON+BRONZE(PTFE+BRONZE)		-30℃~100℃
rod seal	 PLMR01		PLMRUBBER-N(NBR)		-30℃~100℃
	PLMR01-S Pressure relief 		PLMPUR(PU)		-30℃~110℃
wiper	 PLMW11		PLMPUR(PU)		-30℃~110℃
piston seal	 PLMP09B		PLMPOM(POM) PLMTPE (TPE) PLMRUBBER-N(NBR)		-30℃~100℃
waste discharge ring	 PLMBG		PLMFLON+BRONZE(PTFE+BRONZE)		-55℃~220℃
guide	 PLMG01 PLMG03	Standard	PLMTEX(Phenolic resin sandwich cloth)		-55℃~120℃
		High strength	PLMTPI(Polyimide)		-200℃~230℃
Back-up ring	 PLMB08	Standard	PLMFLON+BRONZE(PTFE+BRONZE)		-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.