

Standard Profile Hydraulic Seals Comparison Table

Cylinder parts	Name	Profile	Material	Product series comparison table								
				PULIM	NOK	FREUDENBERG Merkel	Parker	Trelleborg	SKF	HALLITE	KASTAS	GUARNITEC
Rod	Wiper		PLMPUR PLMPUR-FG92A	PLMW01A	-	ASOB	A1	-	-	-	K09	GHP
			PLMPUR PLMPUR-FG92A PLMTPE-58	PLMW02 PLMW38	DSI	AUASOB	A5	WRM	DTW	38	K06	GMH
			PLMPUR PLMPUR-FG92A	PLMW11-ISO	LBI	P9	AY	DA22	HW	839	K27	GHW
				PLMW11-JIS						839N		
			PLMPUR PLMPUR-FG92A	PLMW11A	-	-	-	DA17	-	-	K10	GPW
			PLMPUR PLMPUR-FG92A	PLMW12	-	-	A6	-	-	-	-	-
			PLMPUR	PLMW03B	DWI	AUPS	AF/AG	SWP	MCW	862	K13	-
			PLMPUR	PLMW03C/PLM WO3CW PLMW03CS/PL MWO3CW	DKBI/DKBZ DKBI3/DKBZ3	-	AH	-	PAD	864	K12	-
	Rod seal		PLMPUR-93A PLMPUR-FG92A PLMPUR-LT PLMPUR-HHT	PLMR01 PLMR01S	IDI/ISI	T20	B3	RU0	S1S	663 673	K22	TTI
			PLMPUR-93A PLMPUR-FG92A PLMPUR-LT PLMPUR-HHT	PLMR17	-	T24	BS	RU3	ZBR	605	K33	TTI/L
			PLMFON-3+ PLMRUBBER-N70 PLMFON-3-GP+ PLMRUBBER-N70	PLMR09S	SPNS	OMS-MR	OD	2K Teconster	S9B	R16 A16	K35	GUA-RING GIR
			PLMFON-3+ PLMRUBBER-N70 PLMFON-3-GP+ PLMRUBBER-N70	PLMR09D	SPNS	OMS-MR	OD	2K Teconster	S9B	R16 A16	K35	-
			PLMPUR +PLMPA-66 PLMPUR-HHT +PLMPA-46	PLMR02BS	HBV	SM	BR/BU	-	RBB	660	K29	BUFFER
Piston	Piston seal		PLMPUR-93A PLMPUR-FG92A PLMPUR-LT	PLMP01	ODI/OSI	TM21	B7	PUA	UNP	606	K23	TTE
			PLMFON-3+ PLMRUBBER-N70 PLMFON-3-GP+ PLMRUBBER-N70	PLMP08D	SPGO	OMK-MR	OE	Turcon Glyd Ring	GH	P54	K17	GUA-RING GER
			PLMPUR-FG92A+ PLMRUBBER-N70	PLMP08DPS								TTO
			PLMFON-3+ PLMRUBBER-N70 PLMFON-3-GP+ PLMRUBBER-N70	PLMP08S				2K Teconster				-
			PLMRUBBER-N80 +PLMTPE-70 +PLMPOM-1	PLMP09B	-	L43	ZW	DAS	MD-L	780	-	TPM, TPM/P TPL, TPS/G
			PLMRUBBER-N80 +PLMTPE-70 +PLMPOM-2	PLMP09L	-	L43	ZW	DAS	MD-L	780	K18	TPM, TPM/P TPL, TPS/G
			PLMRUBBER-HN85 +PLMPON-3 +PLMPA-46	PLMP23LF	SPGW	-	CT	PHD	-	CT 735	K19	PDH
			PLMRUBBER-HN85 +PLMPON-3 +PLMPA-46	PLMAQ1	-	-	-	AQ	-	GPS	-	-
			PLMRUBBER-HN85 +PLMPON-3 +PLMPA-46	PLMAQ2	-	-	-	5K-AQ	-	GP2	-	-
			PLMPUR-93A PLMPUR-FG92A PLMPUR-LT PLMPUR-HN85	PLMR06 PLMR06S	UPI/USI/UH	-	-	-	-	601	K21	TTU
Piston and Rod	Piston and rod seal		PLMPUR-93A PLMPUR-FG92A PLMPUR-LT	PLMRT15	-	-	HS	-	-	668	K21	GDS
Static seal	Static seal		PLMPUR-93A PLMPUR-FG92A PLMPUR-LT	PLMRT15	-	-	HS	-	-	668	K21	GDS

Comparison Table of Common Hydraulic Seal Materials

PULIM	Material description	NOK	FREUDENBERG Merkel	Parker	Trelleborg	SKF	HALLITE
N70	NBR Material for Standard O-rings	A305					Nitrile 70°
N80	NBR Material for Composite Seals Elastomer			N3584			Nitrile 1411
N90	NBR Material for Standard Seals	A505		N3587			Nitrile 90°
N80LT	Low-Temperature Resistant NBR Material for Composite Seals Elastomer	A980					
HN85	High-Temperature Resistant NBR Material for Composite Seals Elastomer	G928					
FKM75	High-Temperature Resistant FKM Material for Composite Seals Elastomer						
PLMPUR-93A	MDI+PCL+HQEE, TPU Material for Primary Seals			P5008	Z20	U-1029 W93 B93	
PLMPUR	MDI+PCL+HQEE, TPU Material for Wipers			P5008	Z20	ECOPUR U-1003	361
PLMPUR-X	MDI+PCL+HQEE, TPU Material to replace PTFE				Z52	X-ECOPUR U-1004	
PLMPUR-FG	MDI+PTMEG+HQEE, Standard Low-Temperature Resistant TPU Material	-			-	-	
PLMPUR-FG92A	MDI+PTMEG+HQEE, Standard Low-Temperature Resistant TPU Material	-		P4615A90	-	-	181/251
PLMPUR-FG90A	MDI+PTMEG+HQEE, Standard Low-Temperature Resistant TPU Material	-		-	WU9E1	-	-
PLMPUR-LT	MDI+PCL+BDO, High-Temperature and Low-Temperature Resistant TPU Material			P5009			
PLMPUR-HHT	PPDI+PC+HQEE, High-Temperature Resistant TPU Material			P4300			
PLMTPE-58	Thermoplastic Elastomer						TPE061



Address: No.155 Huayang Road, Xiangcheng District, Suzhou, P.R. China, 215143
Tel: +86(512)66333588 Fax: +86(512)66333988
Website: www.pulim.cn

 Suzhou Pulim Sealing Technology Co., Ltd

