XYTREX® MATERIALS GUIDE FOR PUMPS APPLICATIONS

XYTREX® GRADE	BASE MATERIAL	MAX CONTINUOUS T° (°C)	CAPABILITIES	STATIC SIDE WEAR RING	DYNAMIC SIDE WEAR RING	SPIDER GUIDE BUSHING		JOURNAL BEARING = BOWL SHAFT	THRUST PAD / DISK	THROTTLE / RESTRICTION BUSHING
						NO ABRASIVES	ABRASIVES PRESENT			
X115	PTFE	50	Low radial load capability Pump overall vibration reduction at commissioning Recommended for stationary components							
X120	PTFE	50	ASTM D4745 grade 8 compliant							
X116	PEEK	120	Moderate load capability Pump overall vibration reduction at commissioning Recommended for stationary components							
X451	PEEK	150	Moderate to high radial load capability Recommended for stationary components WRAS approval							
X459	PEEK	150	X459 with improved coefficient of friction Extended dry running applications							
X751	PFA	150	Outstanding chemical resistance including sulfuric acids Low to moderate radial load capability Dry running applications Recommended for stationary components							
XC®2	PEEK	315	High strength and high radial load capability for high pressures/velocities environments Compatible with fine particles Recommended for both stationary and dynamic components							
XC®2-L	PEEK	315	XC®2 with improved coefficient of friction Extended dry running applications							
XC®2-P	PEEK	315	High strength and high axial load capability							

NOT RECOMMENDED | **USE WITH CARE CONTACT ENGINEERING** | **SUITABLE** | **IDEAL**

IMPORTANT NOTICE : ALL INFORMATION SET FORTH HEREIN IS BASED ON OUR PRESENT STATE OF KNOWLEDGE AND IS INTENDED TO PROVIDE GENERAL INDICATIONS REGARDING PRODUCTS AND THEIR USES. THE VALUES ARE GIVEN FOR INFORMATION PURPOSE ONLY. AS THE CONDITIONS OF PRODUCT USE ARE OUTSIDE 3P'S CONTROL AND MAY VARY WIDELY, USER MUST EVALUATE AND DETERMINE WHETHER A 3P PRODUCT WILL BE SUITABLE AND FIT FOR USER'S INTENDED APPLICATION BEFORE USING IT. THEREFORE ALL INFORMATION SHOULD NOT BE CONSTRUED AS A GUARANTEE OF SPECIFIC PROPERTIES OF THE PRODUCTS DESCRIBED OR THEIR SUITABILITY OR FITNESS FOR A PARTICULAR APPLICATION.

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