

Seal recommendation according to media
in Waste Water Industry



Generic term	Ingredient	GLRD-Type	Elastomer	Burgmann Recommendation	
Waste water, industrial, corrosive, abrasiv	from flue gas desulfurisation (FGD), contains chloride	Sonder-GLRD	FPM ?	V	check construction materials! Chloride content!
	without further Specification	Sonder-GLRD		V	check construction materials! Chloride content!
Waste water, industrial, corrosive, not abrasiv	slightly acid area (pH >= 6)	MG	FPM	V	
	with Aluminiumsulfate up to 10%	MG	NBR, FPM	P or V	
	with formic acid up to 5%	HJ	FFKM	K	Seat with O-Ring, G4,G7,G6
	with Ammoniumchloride up to 10%	MG	NBR	FKM not resistant	
	with Bariumnitrate	MG	FPM	P or V	
	with Calciumchloride up to 5% CaCl2	MG	NBR, FPM	P or V	
	with Calciumnitrate up to 10%	MG	NBR, FPM	P or V	
	with iron-III-sulfate up to 5%	MG	NBR, FPM	P or V	
	with iron-II-nitrate up to 5%	MG	NBR, FPM	P or V	
	with tannins up to 10%	MG	NBR, FPM	P or V	
	with potassiumchloride up to 5%	MG	NBR, FPM	P or V	
	with Magnesiumchloride up to 5%	MG	NBR, FPM	P or V	
	with Magnesiumsulfate up to 10%	MG	NBR, FPM	P or V	
	with Sodiumchloride up to 5%	MG	NBR, FPM	P or V	Temp. <25°C , check construction materials
	with Sodiumsulfat up to 10%	MG	NBR, FPM	P or V	
	with Phosphoric acid up to 5%	MG	FPM	V	P not resistant
with Nitric acid up to 5%	MG	FPM	V	P not resistant	
with Sulfuric acid up to 3%	MG	FPM	V	P not resistant Temp.check <35°C	
Dairy Waste Water	MG	NBR, FPM	P or V		
Waste water, industrial, not corrosive, abrasiv	lime wash >15 up to 25%	HJ	FPM	V	<15% >15% consultation
	lime wash >5 up to 15%	HJ	FPM	V	<5% MG >5<15% HJ
	without further Specification	HJ	FPM	V	Solid content to be checked
	Pigment suspension	HJ	FPM	V	Solid content to be checked
	Sinter water	HJ	FPM	V	Solid content to be checked
	content of dust or ash	HJ	FPM	V	Solid content to be checked
	Washing water with Solid content	HJ	FPM	V	Solid content to be checked
	with aliphatic hydro carbons	MG	NBR, FPM	NBR.FPM ??	Ingredient of Media necessary!
	with Ammonia	HJ	FFKM	K	P and V not resistant