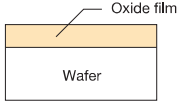
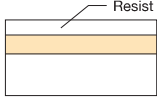
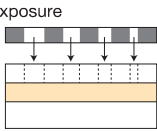


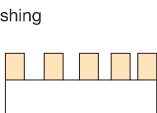
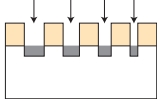

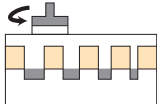
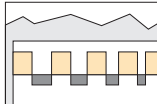


Selection guide to elastomer O-rings used in a semiconductor manufacturing process

Process	Equipment	Applications	Recommended products	Characteristics of materials	
Oxidation and diffusion		Oxidation and diffusion furnace	Furnace body seal	BLAZER™ NEXT	<ul style="list-style-type: none"> ● Heat resistance ● Low-discharge gas
				FLUORO ELASTOMER FA	* Standard fluoro-elastomer
Lithography	Resist coating 	Coater	Chemical line seal Baking unit	BLAZER™ A	<ul style="list-style-type: none"> ● Solvent resistance ● Purity
	Exposure 	Stepper	Purge chamber seal	FLUORO ELASTOMER FA	* Standard fluoro-elastomer
	Developing 	Developer	Chemical line seal	BLAZER™ A	<ul style="list-style-type: none"> ● Solvent resistance ● Purity
Etching	Dry etching 	Plasma etching unit	Seal in chamber (Chamber lid, gate valve, peephole, etc.)	BLAZER™ FE	● Plasma resistance
				PERFLUORO PFW™	● Plasma resistance
				BLAZER™ NEXT	<ul style="list-style-type: none"> ● Heat resistance ● Low-discharge gas
	Ashing 	Plasma ashing unit		BLAZER™ FE	● Plasma resistance
				PERFLUORO PFW™	● Plasma resistance
				BLAZER™ NEXT	<ul style="list-style-type: none"> ● Heat resistance ● Low-discharge gas
Ion implantation		Thermal diffusion furnace Ion implanting unit	Seal in chamber	BLAZER™ NEXT	<ul style="list-style-type: none"> ● Heat resistance ● Low-discharge gas
				FLUORO ELASTOMER FA	* Standard fluoro-elastomer
Thin-film forming		Metal CVD unit Plasma CVD unit Sputtering unit	Seal in chamber (Chamber lid, peephole, etc.)	BLAZER™ FC	● Plasma resistance
				BLAZER™ NEXT	<ul style="list-style-type: none"> ● Heat resistance ● Low-discharge gas
				FLUORO ELASTOMER FA	* Standard fluoro-elastomer
Flattening		CMP unit	Seal in chamber Chemical line seal	BLAZER™ A	<ul style="list-style-type: none"> ● Chemical resistance ● Purity
				FLUORO ELASTOMER FB	<ul style="list-style-type: none"> ● Acid resistance ● Purity
Washing		Washing unit	Chemical line seal Filter seal	BLAZER™ A	<ul style="list-style-type: none"> ● Chemical resistance ● Purity
				PURE RUBBER™	● Purity
				FLUORO ELASTOMER FB	<ul style="list-style-type: none"> ● Acid resistance ● Purity