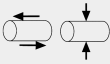
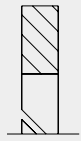
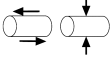
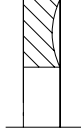
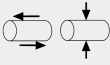
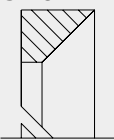
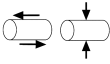
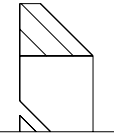
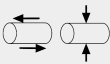
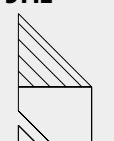
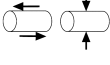
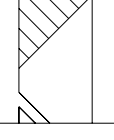
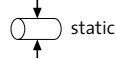
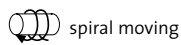
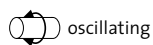
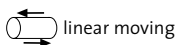


Back-up rings

Application	Profile	Description	Temperature	max.speed	Material
	ST8 	back-up ring common inactive back-up ring, mainly used with O-Rings to avoid gap extrusion. split and non split design available.	-50 °C ... +100 °C	-	ECOTAL
			-40 °C ... +100 °C	-	ECOMID*
			-200 °C ... +260 °C	-	ECOFLON 1
			-200 °C ... +260 °C	-	ECOFLON 2
			-30 °C ... +110 °C	-	ECOPUR
			-20 °C ... +110 °C	-	H-ECOPUR
	ST9 	back-up ring common inactive back-up ring especially for O-Rings to avoid gap extrusion. split and non split design available.	-200 °C ... +260 °C	-	ECOFLON 1
			-30 °C ... +110 °C	-	ECOPUR
			-20 °C ... +110 °C	-	H-ECOPUR
			-50 °C ... +110 °C	-	T-ECOPUR
			-30 °C ... +110 °C	-	G-ECOPUR
				ST10 	back-up ring standard active back-up ring for piston seal type PD. normally already included in PD-type seal profiles, designed for automatic pressure activation. split and non split design available.
-40 °C ... +100 °C	-	ECOMID*			
-200 °C ... +260 °C	-	ECOFLON 2			
	ST11 	back-up ring standard active back-up ring for rod seal type PD. normally already included in PD-type seal profiles, designed for automatic pressure activation. split and non split design available.			
			-40 °C ... +100 °C	-	ECOMID*
			-200 °C ... +260 °C	-	ECOFLON 2
				ST12 	back-up ring triangular back-up ring for rod applications, fits in special shaped housings (see seal data sheets). also used as integrated active back-up ring in special high pressure or low friction seal profiles. split and non split design available.
-40 °C ... +100 °C	-	ECOMID*			
-200 °C ... +260 °C	-	ECOFLON 2			
	ST13 	back-up ring triangular back-up ring for piston applications, fits in special shaped housings (see seal data sheets). also used as integrated active back-up ring in special high pressure or low friction seal profiles. split and non split design available.			
			-40 °C ... +100 °C	-	ECOMID*
			-200 °C ... +260 °C	-	ECOFLON 2



Not bolded symbols: please consult our technical dpmt. for application limitations

* ECOTAL up to ø260 mm, ECOMID above ø260 mm