

It is completely flexible, prefabricated pipes insulation material, manufactured as pipes from elastomeric rubber foams for the installation pipes in cold and warm lines. It does not contain halogen. It is manufactured in **6 - 114 mm** diameters and **6-32 mm** thickness.

ODE R-FLEX PRM PIPE



PRODUCT NAME	λ (Thermal Conductivity Coefficient) W/m.K		μ (Water Vapour Diffusion Resistance Coefficient)	Fire Classification (TS EN 13501-1)		
	R-FLEX PRM PIPE	0.030 (0°C)			7000	BL-s2, d0
		0.032 (50°C)				
	0.034 (+75°C)					

ODE R-FLEX STD PIPE



PRODUCT NAME	λ (Thermal Conductivity Coefficient) W/m.K		μ (Water Vapour Diffusion Resistance Coefficient)	Fire Classification (TS EN 13501-1)		
	R-FLEX STD PIPE	0.030 (0°C)			5000	BL-s2, d0
		0.032 (50°C)				
	0.034 (+75°C)					

TECHNICAL SPECIFICATIONS	UNIT	ODE R-FLEX STD SHEET	ODE R-FLEX PRM SHEET	ODE R-FLEX STD PIPE	ODE R-FLEX PRM PIPE
Thermal Conductivity Coefficient (λ) EN 12667	W/m K	0.030 (-20°C)	0.030 (-20°C)	0.030 (25°C)	0.030 (25°C)
		0.032 (0°C)	0.032 (0°C)	0.032 (50°C)	0.032 (50°C)
		0.034 (+20°C)	0.034 (+20°C)	0.034 (75°C)	0.034 (75°C)
Water Vapour Diffusion Resistance Coefficient (μ) EN 12086	μ	≥ 5000	≥ 7000	≥ 5000	≥ 7000
Fire Classification EN 13501-1	-	B - s3, d0	B - s3, d0	BL - s2, d0	BL - s2, d0
Fire Classification BS 476	-	Class 0	Class 0	Class 0	Class 0
Risk of Corrosion	-	In compliance with CI max %0,05 DIN1988/7	In compliance with CI max %0,05 DIN1988/7	In compliance with CI max %0,05 DIN1988/7	In compliance with CI max %0,05 DIN1988/7
Close Cell Percentage	%	> 90	> 90	> 90	> 90
Thermal Resistance	°C	-45 / 85	-45 / 85	-45 / 116	-45 / 116
Resistance to Chemicals (Oil, mineral oil)	-	Good	Good	Good	Good
UV and Air Resistance	-	Good	Good	Good	Good
Flexibility	-	Excellent	Excellent	Excellent	Excellent
Ozone Resistance	-	Good	Good	Good	Good
Mould Growth and Odor	-	No	No	No	No
Dissoluble Chlorine Ion Level	mg/kg	500	500	500	500
pH	-	8	8	8	8