

POLYFLEX C1- C1R - Coils

Technical data sheet

Rev. 01/13

MATERIAL	Elastomeric flexible foam (FEF) closed cells
PRODUCT SPECIFICATION	Elastomeric thermal insulation extruded and foamed manufactured according EN 14304:2009
PRODUCT RANGE	Tubes in bars self adhesive and not, in endless rolls from 6 to 170 mm (diameter) and thickness from 6 to 60 mm. Sheets in plates and rolls, adhesive and not from 6 to 60 mm thickness. Tapes 3 mm thickness
PRODUCT APPLICATION	Thermal insulation of HVAC, refrigeration systems and industrial application, also for outdoor use (C1R version)
PECULIAR CHARACTERISTIC	Foamed free of CFC-HCFC. Do not contain and release dust and fibers

Technical Information	Reference data	Test Standards
SERVICE TEMPERATURE max min	+110 °C (85 °C for sheets overall surfaces glued) - 40 °C *	UNI ISO 188 - EN 14706 - 14707
THERMAL CONDUCTIVITY λ	At mean temp. 0°C \leq 0,036 W / (m•K) At mean temp. 40°C \leq 0,040 W / (m•K)	EN ISO 8497 - EN 12667
RESISTANCE TO THE VAPOUR WATER DIFFUSION μ	\geq 7000	EN 13469 - DIN 52615
REACTION TO FIRE	EUROCLASS { TUBES B ₁ ,s2, d0 SHEETS B ₁ ,s3, d0 TAPE B ₁ ,s2, d0 M1 (F)	EN 13501 - 1: 2007 AFNOR NF P 92 501
LOW FLAME SPREAD	CONFORM	Directive 96/98/ CE Form D - Enclosure B
PREVENTION TO CORROSION	CONFORM	EN 13468:2001
OZONE RESISTANCE	EXCELLENT	ISO 7325/91
UV RESISTANCE	GOOD	UNI ISO 4892 - 2/94
DIMENSION TOLERANCES	IN ACCORDING TABLE 1 ON EN 14304:2009	

TECHNICAL DATA OF EXTERNAL PROTECTIVE COATING (POLYFLEX C1 R):

TYPE	ANTI SCRATCH -ANTI UV PE FILM	
COLOR	WHITE RAL 9010	
RESISTANCE TO THE VAPOUR WATER DIFUSION μ	\geq 15.000	EN ISO 12086
OZONE RESISTANCE	EXCELLENT	ISO 7325-91
UV RESISTANCE	GOOD	UNI ISO 4892 - 2/94

* NOTE: for lower temperature application consult the technical dept.

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