

# IT-FLEX C1 SA "DUCT" ADHESIVE IT-FLEX TRIPLEX "DUCT" ADHESIVE

## Technical data sheet

Rev. 01/15

<b>MATERIAL</b>	Closed-cell flexible elastomeric foam (FEF)
<b>PRODUCT SPECIFICATION</b>	Flexible and expanded rubber foam thermal insulation material produced in accordance with the European Standard EN 14304.
<b>PRODUCT RANGE</b>	Self-adhesive sheets in rolls with thicknesses from 6 to 30 mm. Tapes with a thickness of 3 mm. The Triplex version is manufactured with a multilayer protective film coating.
<b>PRODUCT APPLICATION</b>	Thermal insulation of ducts and components of air distribution systems also in external environments. (Triplex version).
<b>MAIN CHARACTERISTICS</b>	Flexible and expanded CFC and HCFC-free rubber foam. Does not contain dust or fibres.

Technical Information	Reference data	Test Standards
<b>SERVICE TEMPERATURE</b> Maximum temperature of transported fluids Minimum temperature of transported fluids	+ 85 °C for sheets glued to the entire surface - 40 °C	UNI ISO 188 - EN 14706 - 14707
<b>THERMAL CONDUCTIVITY <math>\lambda</math></b>	At mean temp. of 0 °C $\leq$ 0,036 W/m•K At mean temp. of 40 °C $\leq$ 0,040 W/m•K	EN ISO 8497 - EN 12667
<b>WATER VAPOUR DIFFUSION FACTOR <math>\mu</math></b>	$\geq$ 7000	EN 13469 - DIN 52615
<b>REACTION TO FIRE</b>	EUROCLASS $\left\{ \begin{array}{l} \text{B, s3, d0 (SA version)} \\ \text{B, s2, d0 (tape)} \\ \text{E (TRIPLEX version)} \end{array} \right.$	EN 13501 - 1
<b>CORROSION RISK</b>	MEETS TEST REQUIREMENTS	EN 13468
<b>DIMENSIONAL TOLERANCES</b>	In accordance with table 1 - European Standard EN 14304	

### TECHNICAL CHARACTERISTICS OF THE EXTERNAL PROTECTIVE COATING

<b>TYPE</b>	MULTILAYER FILM COMPOSITE (PET+ALU+PE)	
<b>COLOUR</b>	ALUMINIUM	
<b>TOTAL THICKNESS</b>	$\cong$ 100 $\mu$ m	
<b>WEIGHT</b>	125 g m <sup>2</sup>	
<b>OZONE RESISTANCE</b>	EXCELLENT	ISO 7325
<b>UV RESISTANCE</b>	EXCELLENT	UNI ISO 4892 - 2

\* NOTE: for lower temperature applications please contact our technical dept.

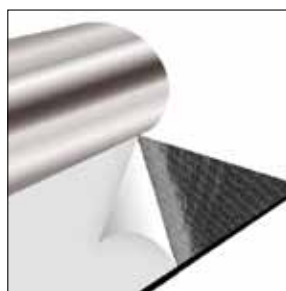
Documents and certifications are available upon registration on our website: [www.evocell.it](http://www.evocell.it)

Evocell srl. reserves the right to modify data contained in this document without any obligation of notice.

All normatives quoted in this document are updated to the latest issued versions.



**IT-FLEX C1 SA "DUCT"**  
SELF-ADHESIVE SHEETS  
IN ROLLS h. 1500 mm



**IT-FLEX C1 TRIPLEX "DUCT"**  
SELF-ADHESIVE SHEETS  
IN ROLLS h. 1500 mm  
WITH MULTILAYER FILM  
COMPOSITE (PET + ALU + PE)  
COATING

Code	Thickness (mm)	Roll (m <sup>2</sup> /sack)	Price €/m <sup>2</sup>
EVBLA06SADUCT	6	45	15,120
EVBLA08SADUCT	8	37,5	16,050
EVBLA10SADUCT	10	30	16,710
EVBLA12SADUCT	12	22,5	18,050
EVBLA15SADUCT	15	18	21,700
EVBLA20SADUCT	20	15	27,150
EVBLA30SADUCT	30	9	37,180

Code	Thickness (mm)	Roll (m <sup>2</sup> /sack)	Price €/m <sup>2</sup>
EVBLATR06DUCT	6	45	23,950
EVBLATR08DUCT	8	37,5	25,130
EVBLATR10DUCT	10	30	26,120
EVBLATR12DUCT	12	22,5	29,240
EVBLATR15DUCT	15	18	34,560
EVBLATR20DUCT	20	15	39,890
EVBLATR30DUCT	30	9	53,980

Polythene UV resistant packaging dimensions: 0,55 x h. 1,50 m  
Packaging volume = 0.36 m<sup>3</sup>

## IT-FLEX ADHESIVE ELASTOMERIC TAPES



Thickness 3 mm

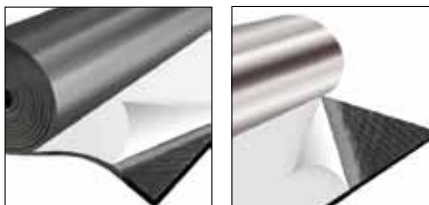
Code	Roll length (m)	Roll width (mm)	Packaging content (pc/box)	Price €/roll
EV8NASTRON3	10	50	24	15,470
EV8NASTRON315	15	50	12	21,658
EV8NASTROTRI	10	50	24	17,700

## IT-FLEX - NEOPRENE ADHESIVE, DETERGENTS, PAINT

Code	Description	Packaging content (pc)	Price €/each
EV8AB850	850 g tin	12	17,850
EV8AB425	425 g tin	24	11,179
EV8DETERGENTE	1 l can	12	17,379
EV8ACVEG-G	Grey elastomeric paint 0,75 l	loose	42,543
EV8ACVEG-B	White elastomeric paint 0,75 l	loose	42,543

## IT-FLEX - ADHESIVE JOINT-SEALING TAPE

Code	Roll length (m)	Roll width (mm)	Packaging content (pc./box)	Price €/roll
EV8NASTRNCA25	50	25	Sfusi	16,090
EV8NASTRNCA50	50	50	Sfusi	29,204



## DIMENSIONAL TOLERANCES SPECIFIED BY EUROPEAN PRODUCT STANDARD EN 14304

Dimensions in mm

Key:  $D_i$  = inside diameter -  $D_{iD}$  = inside nominal diameter (Ref. Tubes) -  $d_D$  = Nominal thickness

Form of delivery	Length	Width	Thickness		Squareness	Inside diameter	
			Declared	Tolerance		$D_i \leq 100$	$D_i > 100$
<b>Tubes</b>	$\pm 1,5\%$	-	$d_D \leq 8$	$\pm 1$	3,0 mm	$D_{iD} + 1 \leq D_i \leq D_{iD} + 4$	$D_{iD} + 1 \leq D_i \leq D_{iD} + 6$
			$8 < d_D \leq 18$	$\pm 1,5$	-		
			$18 < d_D \leq 31$	$\pm 2,5$	-	-	
			$d_D > 31$	$\pm 3$	-	-	
<b>Sheets</b>	$\pm 1,5\%$	$\pm 2\%$	$d_D \leq 6$	$\pm 1$	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	$\pm 1,5$	-		
			$d_D > 19$	$\pm 2$	3,0 mm (thickness)		
<b>Rolls</b>	+ 5% - 1,5%	$\pm 2\%$	$d_D \leq 6$	$\pm 1$	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	$\pm 1,5$	-		
			$d_D > 19$	$\pm 2$	3,0 mm (thickness)		
<b>Tapes</b>	+ 5% - 1,5%	$\pm 2\%$	$d_D = 3$	- 0,1 + 1,5	-	-	-

## IT-FLEX C1 SA

“DUCT” ADHESIVE

## IT-FLEX TRIPLEX

“DUCT” ADHESIVE