

IT-FLEX TCA

Technical data sheet

MATERIAL

ALU sheet (99,5%).

PRODUCT SPECIFICATION

External protective covering of insulation.

PRODUCT RANGE

Tubes, elbow and special shaped parts with diameters from 70 mm to 500 mm, and thicknesses from 0,5 to 1 mm.

PRODUCT APPLICATION

Surface covering protection for insulations. Also suitable for external applications.*

TUBES:	Diameters from 70 to 300 mm, length 1 m, with thicknesses from 0,6 mm.
ELBOWS:	Diameters from 70 to 300 mm, produced in segments with 3,2 mm double hole.
SPECIAL PIECES:	Diameters from 70 to 300 mm, T connectors and reducers: H. 100,150 e 200 mm.

TECHNICAL INFORMATION

MECHANICAL PROPERTIES

	Yield strength load % 0,2 (mpa)	Tensile strength (mpa)	Elongation (A50) %
Standard	120	140	1
Test results	188,21	195.78	46,7

CHEMICAL COMPOSITION

		Si %	Fe %	Cu %	Mn %	Mg %	Zn %	Ti %	Al %
Standard	Min								
	Max	0,25	0,40	0,05	0,05	0,05	0,07	0,05	99,50
Test results		0,087	0,353	0,006	0,004	0,002	0,009	0,0065	99,534

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*Please note that Evocell&Mobius insulation material is not designed to operate in direct contact with the transported fluid. For specific requirements, please contact our Technical Department.

All standards cited in this document are intended to be updated to the latest released version. The latest released documentation and specific certifications are available upon registration on our website at: www.evocellmobius.it

It is the responsibility of the end user to verify the suitability of the product for the intended use, in relation to the specific conditions of use and installation.

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