



# ERBA ISOLANTI srl

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DATA: Jan 10 <sup>th</sup> 08	<b>FNXMA22</b>  META ARAMID FIBER FLOC	Codice FNX22
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		Gruppo B

## DESCRIPTION

Meta-aramid, (poly meta-phenylenediamine-isophthalamide) is a long polyamide chain in which most of amide linkages are attached directly to two aromatic rings. The meta oriented phenylene forms bends in a polymer chain, reducing chain rigidity. This flexible polymer chain gives more textile-like qualities while retaining high temperature properties.



## USE

FNXMA22 fiber is mostly used for filtration systems of high temperature air. In electromechanical constructions to fill cavities, to make custom made insulation pieces with epoxy or polyester resin. Good varnish and resin impregnation also because of its particular "dog bone" fiber cross section.

## TECHNICAL SPECIFICATIONS

Properties	Unit	Nominal Value	Tolerance
Fiber length	mm	50	± 5
Fineness	dtex	2,2	± 0,20
Tenacity	cN/tex	54	± 4
Elongation at break	%	35	± 10
Extinguishability		self-extinguish fiber and combustion retarding	
Shrinkage at 300°C for 15 minutes	%	6	
Working temp.	°C	220	
Decomposition temp.	°C	> 370	
Breaking temp. of fibers	°C	400 430 doesn't melt. carbonizes	

## AVAILABILITY

Unit are Kilograms.  
Poly bag of kg 30 of Meta aramid fiber Floc, in cartoon

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