



IMMAF CERTIFIED FIGHTING AREA



The International Mixed Martial Arts Federation are proud to present our first ever designed, built and specified floor standing fighting area for academies, gyms, clubs and events globally. After a lengthy design and development consultation period the bespoke equipment features a host of enhanced and advanced modifications to ensure fast and easy assembly, safe use, disassembly and storage.

This first of its kind floor standing fighting area, has several key and uniquely important design and safety modifications that shall see it as a “First in class” fighting area for Global distribution. The unique and cleverly enhanced safety design features make this a “go to” product under IMMAF license to all of our member federations and beyond to make this the de facto and required standard for all National and International Mixed Martial Arts competitions.

Please visit the IMMAF YouTube channel for a detailed look and walkthrough videos explaining the features and functions of just what we have created.

<https://www.youtube.com/c/IMMAFed/videos>

SPECIFICATION

- Galvanised iron tube structure 40mm x 60mm x 2mm.
- Iron rod for fixing 10mm diameter wire mesh.
- 12 mm diameter hinges for iron doors.
- MMA wire mesh in galvanized iron thickness 3mm plus 1mm black plastic coating, total wire thickness of mesh - 4mm.
- Eyelet bolts for net draft with nuts and washers in galvanized iron brand thread M8x60.
- Plates for cameramen in 2 mm bent iron and powder coated.
- High density 40mm templated and structured jigsaw matting.
- Modular easy fit and fast assembly time.



- 2m adjustable and detachable 800mm x 600mm cameramen/photographer platforms.
- 16mm diameter steel door closing key.
- Internal corner posts in 80 mm medium density foam completely covered in laced “stay put” P.V.C
- 19mm thick medium density foam tubulars for structure padding covered in imitation leatherette.
- 5mm diameter nylon rope keeps an “always covered” encased metal structure.
- 2 easy swing access doors per area.



ACCESSORIES

- Full range of accessories available upon request.
- Colour co-ordinated red & blue corner stools.
- Fully equipped timekeeper carry case – airhorn, 2 x stopwatch, whistle & clapper.
- Fully adjustable and detachable camera/photographer platforms.
- Colour coded red and blue permanent fence panelling for corner identification.
- Bespoke Federation, Country and company branding for vinyl tatami and internal & external signage.
- Full height “clean & safe” storage & transportation cases available.



Sizes available:

7 metre	app. 23 ft
8 metre	app. 26 ft
9 metre	app. 30ft

**bespoke & exact sizing available, please contact IMMAF for all enquiries.*

For further enquiries or information please email info@immaf.org or visit our website www.immaf.org

DECLARATION OF COMPLIANCE

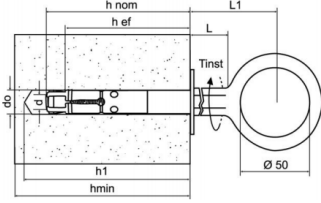
The manufacturer adheres to the current national and European regulations on the protection of the environment. In addition the manufacturer states that the products have been manufactured using materials that meet the required technical and quality specifications and the relevant national or International regulations.

Composizione Chimica			Chemical Analysis	
%C	%Mn	%Si	%P	%S
0,040	0,530	0,180	0,018	0,016

Caratteristiche Meccaniche	Mechanical Properties	UNI EN ISO 6892-1:2016
Diametro	Diameter	3,00 ±0,005 mm
Area	Area	7,068 mm ²
Carico Massimo [Fm]	Max Force [Fm]	30,8730 daN ±0,5%
Resistenza [Rm]	Tensile strenght	436,8 N/mm ²

PVC STANDARD FOR WIRES COVERING

Peso specifico	Specific Density	1,28 g/cc - ISO 1183
Durezza shore a 30"	Shore a Hardness 30"	91 ±2 – ISO 868
Carico di rottura	Tensile strenght	20,4 ± 10% MPa
Allungamento a rottura	Elongation at break	310 ± 10% - ISO 527

	d = diametro vite / screw diameter do = diametro foro / hole diameter h1 = profondità minima foro / minimum hole depth hnom = profondità minima di posa / nominal embedment depth hef = profondità minima di ancoraggio / minimum depth of anchorage hmin = spessore minimo supporto / minimum support thickness L = lunghezza gambo / shank length L1 = sporgenza / protrusion Tinst = coppia di serraggio nominale / torque
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ANCHOR FEATURES

Tipo Type	Materiale Material	Rivestimento Coating
Occhiolo saldato Ø23 Welded eye Ø23	acciaio classe 5.8 ISO 898/1 steel grade 5.8 ISO 898/1	zincatura bianca ≥ 5µm ISO 4042 white zinc plated ≥ 5µm ISO 4042
Golfare forgiato Ø50 Forged eye Ø50		

IMBOTTITURA TUBI

Codice identificativo univoco del tipo di prodotto	Unique identification code of the product-type		Armaflex XG	
Usi previsti: Isolamento termico di impianti civili ed installazioni industriali (ThiBELL)			Intended use/es: Thermal insulation of building equipment and industrial installations (ThiBELL)	
Resistenza termica/ conduttività termica	Thermal resistance / Thermal conductivity	Tubes	d _N = 6 – 19	$\lambda_{0^{\circ}\text{C}} \leq 0,035 \text{ W}/(\text{m} \cdot \text{K})$ $\lambda(\vartheta_m) = (35 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2) / 1000$
		Tubes	d _N = 25 – 40	$\lambda_{0^{\circ}\text{C}} \leq 0,036 \text{ W}/(\text{m} \cdot \text{K})$ $\lambda(\vartheta_m) = (36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2) / 1000$
Reazione al fuoco	Reaction to fire	Tubes	d _N = 6 – 40	B _L – s3, d0
Durabilità della resistenza termica in funzione dell'invecchiamento/ degradazione	Durability of thermal resistance against ageing/ degradation	Dimensional stability ¹⁾ Minimum service temperature ST(-)-50 (= -50 °C)		
Durabilità della resistenza termica in funzione di temperatura elevata	Durability of thermal resistance against high temperatures	Maximum service temperature ST(+)-110 (=110°C)		
Durabilità della reazione al fuoco in funzione dell'invecchiamento/ degradazione	Durability of reaction to fire against ageing/ degradation	Durability characteristics ²⁾		
Durabilità della reazione al fuoco in funzione di temperatura elevata	Durability of reaction to fire against high temperature	Durability characteristics ²⁾		
Permeabilità all'acqua	Water permeability	NPD ⁴⁾		
Permeabilità al vapore acqueo / Resistenza alla diffusione del vapore acqueo	Water vapour permeability/ Water vapour diffusion resistance	Tubes	d _N = 6 – 19	μ 10000 (μ ≥ 10000)
		Tubes	d _N = 25 – 40	μ 7000 (μ ≥ 7000)
Volume di emissione delle sostanze corrosive	Rate of release of corrosive substances	NPD ⁴⁾		
Indicatore dell'assorbimento acustico	Acoustic absorption index	NPD ⁴⁾		
Emissione delle sostanze pericolose nell'ambiente interno	Release of dangerous substances to indoor environment	NPD ^{3) 4)}		
1) La conduttività termica della schiuma elastomerica flessibile non cambia nel tempo. 2) La resistenza al fuoco dei prodotti in schiuma elastomerica flessibile non cambia nel tempo. 3) I metodi europei di prova sono in fase di sviluppo. 4) Prestazioni non determinate (NPD)		1) The thermal conductivity of flexible elastomeric foam does not change with time. 2) The fire performance of flexible elastomeric foam products does not change with time. 3) European test methods are under development. 4) No Performance Determined (NPD)		

COLD FORMED WELDED HOLLOW SECTIONS OF NON-ALLOY STEELS 80x60x2

Dimensione prodotto Size Product	Spessore / Thickness (mm)	2
	Altezza / Diametro (mm)	80
	Larghezza / Width (mm)	60
	Lunghezza /Length (mm)	6000
Composizione chimica Chemical Composition	C %	0.040
	Mn %	0.256
	Si %	0.015
	P %	0.010
	S %	0.010
	Al %	0.030
Prova di trazione Tensile Requirement	Reh (MPa)	343
	Rm (MPa)	388

TATAMI

DESCRIPTION Made of expanded EVA (ethylene vinyl acetate), by hot molding. First entry level product in the range. Interlocking cut with a punch in order to make the module reversible. The two-tone product includes the perimeter frames. The surface is non-slip.	
Materiale – Material	EVA (Etilene vinil acetato) Densità: 80kg/m ³
Dimensioni – Size	100x100x4 cm
Peso – Weight	3,2 kg/cad
Finiture – Surface	Goffratura a T
Assorbimento urti - Shock absorption	UNI EN 1177 HIC 1000mm
Class. Fuoco – Fire Class	Efl - Secondo norma 13501 Parte1

Technical & Outdoor Textiles

Article	MAR-DOLLARO HT/1000				
Norm	Description	Values	U.M.		Tolerances
	Composition	36 62 2	% % 	PES PVC PU	
	Thickness	0,7	mm		+/- 0,02
DIN EN ISO 2060		1100	Dtex	Ordito Warp	
		1100	Dtex	Trama Weft	
DIN EN ISO 2286-2	Weight	600	gr/m2		+/- 5%
DIN EN ISO 2286-1	Width	140-145	cm		+/- 1
UNI 4818 PT. 6°	Tensile strength	≥ 2800	N/5cm	Ordito Warp	
DIN 53354		≥ 2500	N/5cm	Trama Weft	
UNI 4818 PT. 6°	Elongation at Break	≥ 15	%	Ordito Warp	
		≥ 15	%	Trama Weft	
UNI 4818 PT. 9°	Tear strength	≥ 300	N	Ordito Warp	
DIN 53363		≥ 300	N	Trama Weft	
FMVSS302 UNI ISO 3795	Fire Resistance	ND			

Technical & Outdoor Textiles

Article	Mar-Pol 1000 Y 650/77				
Norm	Description	Values	U.M.		Tolerances
	Composition	25 75	% % %	PES PVC	
	Thickness	≥ 0,50	mm		
DIN EN ISO 2060		1100 1100	Dtex	Ordito Warp	
			Dtex	Trama Weft	
	Yarn count	7,5 x 7	cm2 / square cm		
DIN EN ISO 2286-2	Weight	650	gr/m2		+/- 5%
DIN EN ISO 2286-1	Width	250	cm		+/- 1
UNI 4818 PT. 6° DIN 53354	Tensile strength	≥ 2200 ≥ 2200	N/5cm	Ordito Warp	
			N/5cm	Trama Weft	
UNI 4818 PT. 6°	Elongation at Break	≥ 10 ≥ 20	%	Ordito Warp	
			%	Trama Weft	
UNI 4818 PT. 9° DIN 53363	Tear strength	≥ 250 ≥ 250	N	Ordito Warp	
			N	Trama Weft	
UNI EN ISO 105 - DIN 54004	Colour Fastness	> 6	Scala blu Blu scale		
DIN 53357	Adhesion	100	N/5cm		
UNI 8456 - UNI 9174 DIN 4102	Fire Resistance		NO		