

CATALOGUE

2021 EDITION



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
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www.powerandcables.com



EXPERT IN ELECTRICAL
RISK PREVENTION

CATUTM

SICAME GROUP

DEAR CUSTOMERS,

By your side for over a century, we are pleased to present the new version of the CATU 2021 catalogue. This collection is dedicated to industry, residential, construction and services.

In Europe and in the rest of the world, new clearances allow a larger population to perform electrical and non-electrical work on or around installations and structures, in compliance with prevention rules. CATU is fully committed to supporting you to improve operator safety. Our constant actions to improve our solutions for protection and prevention against electrical risks are carried out in collaboration with our users and partners in France and all over the world. They guarantee our deep commitment and our security obligations towards all our customers.

Our expertise and our listening skills allow us to respond quickly to the needs related to the energy transition by offering solutions dedicated to the new market segments of electro-mobility, energy storage, renewable energies, and rail.

For a better reading comfort, you will discover in the following pages, a greater fluidity of presentation of the solutions. We have also added a new segmentation of PRO and EXPERT products as well as selection guides to assist you in your selection. Finally, highlighting FOCUS products and their benefits will make your choices easier.

Our Sales Department remains at your disposal (phone: +33 1 42 31 46 08 email: service.export@catuelec.com) for any request or information.

Thank you for your confidence in us!

CATU Team



Together for the past
100 years in the **prevention**
of **electrical risk**, and for
the 100 years to come!



IEC



Testing
accreditation n°1 - 0897
scope available on
www.cofrac.fr





COLLECTIVE PROTECTIVE EQUIPMENT COVER-UP EQUIPMENT

INSULATOR COVER

SERECT Live working LV N°435 specification. For LV insulator.
Synthetic rubber, orange.

Reference	Characteristics			
		(mm)	(mm)	Weight
MP-22	Line insulator	H 150	110	0.47
MP-23	Dead end insulator	H 210	180	1.1



BAG FOR INSULATOR COVER

Steel suspension hook. Reinforced bottom and rope handle.

Reference		
	(mm)	Weight
MP-50	Ø 300 x H 400	0.65



BENEFITS

- Strong and waterproof.

FLEXIBLE - TYPE CONDUCTOR COVER

SERECT Live working LV N°440 specification. For LV conductors.
Shape type Ω, thickness 3.3 mm. For conductor Ø 16 mm max.

Reference		
	(m)	Weight
MP-32/10	1	0.4
MP-32/15	1.5	0.6
MP-33	3	1.2



1 000 V - AC

1 500 V - DC



FLEXIBLE - TYPE CONDUCTOR COVER

SERECT Live working LV N°445 specification. For overhead network (< 1000 V). For conductor Ø 20-22 mm.

Reference	Characteristics	
		Weight
MP-31	Spiral shape type 5 m	0.6
MP-59	Indent tool for MP-31	0.18

1 000 V - AC

1 500 V - DC





INSULATING CAPS

Suitable for overhead, underground and indoor installations at low voltage. Maximum voltage use: 1000 V AC – 1500 V DC. The caps are used for temporary insulation of conductor cable extremities. They must be put in place on the stripped cable end to cover the cable outer insulating sheath.



C18-425

1000 V - Class 0

DIN VDE 0680-1



Reference			Capacity on single core cable			
	Caps dimensions		\varnothing of the cable outer sheath to cover (mm) Core cable cross-section (mm ²)			
	Length (mm)	\varnothing Internal (mm)	\varnothing Min (mm)	Cross-section mm ²	\varnothing Max (mm)	Cross-section mm ²
MP-635/10-D	75	10	5	6	9	25
MP-635/15-D	100	15	7	10	13	50
MP-635/20-D	100	20	9	25	16	95
MP-635/25-D	110	25	12	50	20	150
MP-635/30-D	120	30	14	70	25	240
MP-635/40-D	135	40	16	95	30	300
MP-635/50-D	155	50	20	150	40	600
MP-635/60-D	140	60	25	240	50	1000

BENEFITS

- Orange semi-rigid insulating material with blind slot.
- Cross opening for mounting on cable.
- Maintaining in working position by adhesion.



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COLLECTIVE PROTECTIVE EQUIPMENT COVER-UP EQUIPMENT INSULATING BLANKETS

ELECTRICAL INSULATING BLANKETS

The electrical insulating blanket is used for the protection for the workers protection from inadvertent contact with live or earthed electrical conductors, apparatus or circuits and to prevent from short circuits on electrical installations.

ELECTRICAL INSULATING BLANKETS IN ACCORDANCE WITH IEC 61112: 2009 STANDARD

According to class 0 specifications. Operating voltage: 1000 V AC and 1500 V DC. In accordance with specific properties:

Category A: acid resistant.

Category C: resistant to very low temperature (-40°C).

Category H: oil resistant.



ACCESSORIES SEE PAGE 65 AND 66

Clamps and adhesive tapes.

MP-41530



MP-41A70/4



MP-18/LOT



MP-19-LOT



RECOMMENDATIONS FOR USE

Storage/Transport

Insulated blankets should be properly stored to avoid the risk of damage to the insulating material. Do not store or use close to excessive heat. Do not expose to direct sunlight for long period. Storage temperature: 10°C to 21°C.

Before use

Insulating blanket cut from a roll should keep visible markings. Each side of the blanket should be visually inspected by the user. The insulating blanket must not have tears or holes. If the blanket is dirty, wash it with soap and water. Dry it with respect of operating temperatures.

In use

Operating temperatures: -40°C to +55°C. Avoid contact with chemical products. Do not walk on the insulating blankets.

Periodic inspection

Insulating blanket should not be used without having been electrically tested within the previous twelve months preceding with the exception of class 00 and 0. Only visual inspection is required for class 00 and 0.



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PPE - CPE / Collective Protective Equipment: Cover-up equipment



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COLLECTIVE PROTECTIVE EQUIPMENT COVER-UP EQUIPMENT






INSULATING FLEXIBLE BLANKETS

Polyvinyl in roll. IEC 61112 – class 0

Reference	Class			 (m)	 (mm)	 kg
		Voltage (AC)	Voltage (DC)	Dim.	Thickness	Weight
MP-35	0	≤ 1 000 V	≤ 1 500 V	1.3 x 25	0.3	12
MP-35/12	0	≤ 1 000 V	≤ 1 500 V	1.3 x 12.5	0.3	6
MP-37	0	≤ 1 000 V	≤ 1 500 V	0.09 x 25	0.3	0.8






In accordance with ST HTA 50D EDF-SERECT specification.

Reference	Class	 (m)	 (mm)	 kg
		Dimensions	Thickness	Weight
MP-40	0	1.3 x 25	0.8	24

BENEFITS

- Flexible translucent polyvinyl.
- Fastening with clamps, adhesive tape or magnet patches.

INSULATING FLEXIBLE BLANKETS OF ORANGE RUBBER






Reference	Class			 (m)	 (mm)	 kg
		Voltage (AC)	Voltage (DC)	Dim.	Thickness	Weight
MP-220	0	≤ 1 000 V	≤ 1 500 V	1 x 1	1	1.5
MP-220/1	0	≤ 1 000 V	≤ 1 500 V	1 x 10	1	15

BENEFITS

- High resistance to perforation.
- Special properties : resistant to low temperatures (C) and oil (H).

INSULATED MAGNETS FOR BLANKETS

Marking on each product with 2D code for traceability.
Magnetic strenght: 8 kg.

Reference	Class			 (mm)	 g	
		Voltage (AC)	Voltage (DC)	Dim.	Weight	Set
MP-41A70/4	0	≤ 1 000 V	≤ 1 500 V	Ø70 x 5	35	4

NEW



x 4

BENEFITS

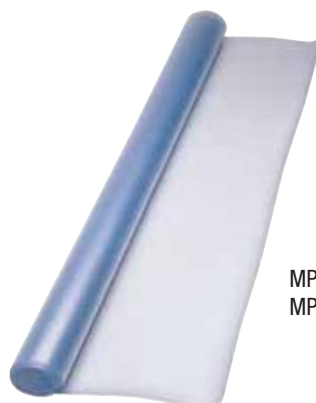
- Hole to hang a tool or a device.
- Rubber insulating material with special properties.

IEC/EN 61112 

MP-37



MP-35
MP-40



IEC/EN 61112 

IEC/EN 61112 



COLLECTIVE PROTECTIVE EQUIPMENT COVER-UP EQUIPMENT








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INSULATING FLEXIBLE BLANKETS

Individual model made of reinforced polyvinyl.

Reference	Class					
		Voltage (AC)	Voltage (DC)	Dim. (mm)	Thickness (mm)	Weight (kg)
MP-123	0	< 1 000 V	< 1 500 V	360 x 660	0.5	0.15
MP-123/1	0	< 1 000 V	< 1 500 V	500 x 900	0.5	0.3
MP-123/2	0	< 1 000 V	< 1 500 V	800 x 1200	0.5	0.6

BENEFITS




- Translucid polyvinyl. Reinforced by synthetic fibre mesh.
- The "Velcro®" fastener type allows the flexible blankets to seal off by pressing the edges together. Several flexible blankets can also be connected in this manner.



IEC/EN 61112 



BLANKET CLAMPS

Reference			
	Length (mm)	Set	Weight (g)
MP-4110	160	1	60
MP-41530	65	12	10

BENEFITS

- Bimaterial insulating clamps (MP-41530).






ST TST BT N°415
Class 0



MP-4110



MP-41530

Reference			
	Length (mm)	Set	Weight (g)
MP-625-D	160	1	70
MP-627-D	80	3	30

BENEFITS

- Fully insulating clamps.



DIN VDE 0680-1
Class 0 - 1 000 V





MP-625-D



MP-627-D

ELECTRICAL ADHESIVE TAPES

High quality electrical insulation tape, self-extinguishing.

Reference	Characteristics		
		Dim. (m)	Set
MP-18-LOT	Phases marking tape	0.015 x 10	4 rolls*
MP-19/LOT	Coloured marking tape	0.015 x 10	10 rolls**

* Phases = L1, L2, L3 (black) and neutral = N (blue).

** green/yellow, orange, yellow, brown, red, blue, white, black, grey, green.

EN 60454



MP-19-LOT



MP-18/LOT



Handwriting practice lines consisting of 18 horizontal dotted lines.



Handwriting practice lines consisting of 20 horizontal dotted lines.



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In case of modification of these characteristics, our company would not be obliged to supply materials conform to those previously in force.

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