



Group I



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Group I

Repair, Replacement and Maintenance Components



Repairers and Lubricants

Prior to the acquisition of these repair sets and lubricants, please contact RITZ Sales Department for basic information on the application.

These products can be easily applied by the user.

- RT400-0803

The Gloss Restorer is a colorless resin, specially designed for surface repairs on *RITZGLAS*® hot sticks, when featuring surface wearing and loss in gloss.



RT400-0803

These types of damages on the insulating sticks compromise their dielectric strength, caused by moisture and impurity contamination.

- RM1909

Tool Lubricant, made of non-toxic and non-corrosive materials. This material is a highly efficient lubricant, for it offers a durable layer to the parts, preventing oxidation and avoiding friction and wearing of the metallic tools.



RM1909

- RM1913

The Sliding-Proof Repairer for platforms has been specially developed for repairs of platform surfaces, which have lost their sliding-proof safety characteristic after a long period of use.



RM1913

Made of black color rough sand resin (just as in the original platforms) and hardener.

RH1917



- RH1917

RITZGLAS® Bond Patching set is a set of orange color resin and hardener, recommended for repairs of minor fissures, or other surface damages, such as scratches or cracks, either caused accidentally or due to improper use of the equipment. It is also used for replacement of metallic heads on sticks.

RH1921



- RH1921

The Sliding-Proof Repairer for ladders is intended for the repair of the *RITZGLAS*® ladder rungs, as they lose their original sliding-proof surface. Made of orange color fine sand resin and hardener.

RM1904



- RM1904

The Silicone-soaked Hot Stick Wiping Cloth for surface treatment of Insulating Hot Sticks is intended for surface applications of a preventive protection on sticks, offering a superficial protection layer.

REPAIR SETS AND LUBRICANTS

Cat. No.	Description	Approx. Weight (kg)
RT400-0803	Gloss Restorer set supplied with 12 bottles of 115 ml, being 6 bottles with component A and 6 bottles with component B, stored in plastic case	2.60
RM1909	Tool Lubricant, stored in a plastic bottle of 125 ml	0.14
RM1913	Sliding-Proof Repairer for platform surface, supplied in two components: sliding-proof sand stored in a 900 ml can and hardener stored in a 115 ml bottle	2.10
RH1917	<i>RITZGLAS</i> ® Bond Patching set, supplied in two plastic bottles of 125 ml each, containing components A and B	0.32
RH1921	Sliding-Proof Repairer for ladder rungs, supplied in two components: sliding-proof sand stored in a 900 ml can and hardener stored in a 115 ml bottle	2.10
RM1904	Silicone-soaked Hot Stick Wiping Cloth for surface treatment of insulating hot sticks, 01 cloth measuring 0.50 x 0.50 m	0.08

Hot Stick Replacement parts

HOT STICK REPLACEMENT PARTS		
Cat. No.	Description	Approx. Weight (kg)
RH3365-1	Rigid splice for Ø 32 mm pole	0.39
RH3365-2	Rigid splice for Ø 38 mm pole	0.43
RH3365-3	Rigid splice for Ø 38 mm pole, converted into Ø 32 mm	0.39
RH4455	Universal had only, for Ø 32 mm hot stick	0.29
RH4455A	Universal had only, for Ø 38 mm hot stick	0.36
RP403-0467P	Replacement universal head wing-bolt	0.02
FLV05655-4	Plastic cap for Ø 25 mm hot stick	0.005
FLV05655-3	Plastic cap for Ø 32 mm hot stick	0.007
FLV05655-2	Plastic cap for Ø 38 mm hot stick	0.01
FLV05655-5	Plastic cap for Ø 51 mm hot stick	0.02
FLV05655-1	Plastic cap for Ø64mm hot stick	0.035
FLV05655-6	Plastic cap for Ø 76 mm hot stick	0.04
FLV10046-1	Storm tool, rubber skirt for Ø 25 mm hot stick	0.02
FLV10046-2	Storm tool, rubber skirt for Ø 32 mm hot stick	0.06
FLV10046-3	Storm tool, rubber skirt for Ø 38 mm hot stick	0.08
FLV17479-1	Rubber base for Ø 32 mm hot stick	0.03
FLV19066-1	Rubber base for Ø 25 mm hot stick	0.02



RH3365-1



RH4455



RP403-0467P



FLV05655-5



FLV10046-2



FLV17479-1



RC403-0799



RM3002



RH1760-5

HOT STICK REPLACEMENT PARTS

Cat. No.	Description	Approx. Weight (kg)
RC403-0799	Plastic Hand Guard for Ø 32 mm hot stick*	0.04
RM3002	Rubber Hand Guard for Ø 32 mm hot stick*	0.05
RM3002-1	Rubber Hand Guard for Ø 38 mm hot stick*	0.06
RH1760-5	Pole hanger and clamp	0.13

* The distance marking ring is intended to delimit the allowed area for the lineman to grip the insulating pole, in order to maintain the required safety distances, as specified by the chart at the beginning of this catalogue.

Hot Line Set for Maintenance and Cleaning of Substations up to 138 kV

The Hot Line set has been designed to perform several works with the Hot Stick Method, on energized substations up to 138 kV, as follows:

- Retightening connections on hot spots;
- Cleaning of cut-out contacts;
- Cleaning of conductors, insulators and equipment;
- Cleaning and lubrication of movable parts or hinges etc;



RC403-0314



RC403-2270



RM4455-25

COMPOSITION OF THE SET

Cat. No.	Qty.	Description	Approx. Weight (kg)
RC403-0314	1	Conductor cleaning sand	0.29
RC403-2270	1	Aerosol can holder (aerosol lubricant can not included)	0.21
RM4455-25	1	Paint brush	0.22

COMPOSITION OF THE SET

Cat. No.	Qty.	Description	Approx. Weight (kg)
FLV12559	1	Insulator cleaning Paint Brush	0.23
RM4455-37	2	Chuck Blank Tool	0.14
RM4455-38	1	Clear vision mirror	0.37
RM4455-50	1	Skinning knife	0.11
RM4455-63	2	Insulator cleaning "V"-shaped brush	0.17
RM4455-6	2	Ratchet wrench	0.69
RM4455-92	1	64 mm Ø Insulator cleaning round brush	0.53
RM4455-94	1	76 mm Ø Insulator cleaning round brush	0.61



FLV12559



RM4455-37



RM4455-38



RM4455-50



RM4455-63



RM4455-6



RM4455-92



FLV12552-1



FLV12560-1



ATR10994-1



ATR10455-3



RH1980-8



FLV12564-1



VMR02579-1

COMPOSITION OF THE SET

Cat. No.	Qty.	Description	Approx. Weight (kg)
FLV12552-1	1	Abrasive cloth for insulator cleaning, supplied with 5 spare pieces	0.29
FLV12560-1	1	Plain Steel brush	0.23
ATR10994-1	1	All-angle plier with double jaws	1.00
ATR10455-3	1	Metallic case to store tools	2.50
VMR-45/L	2	Sectional Hot Stick made of RITZGLAS® with 3 sectional elements and a canvas bag	3.15

ADDITIONAL RECOMMENDED EQUIPMENT

Cat. No.	Qty.	Description	Approx. Weight (kg)
RH1980-8	1	Ø 32 mm x 2.60 m long Insulated Oiler	1.75
FLV12564-1	1	Insulated Stool	6.00
VMR02579-1	2	Head for installation and removal of the Temporary Jumper	0.19
EA/PR-27/PD	1	A-shaped ladder, length: 2.75 m	32.70
ATR17452-1	1	0.80 m long Temporary Jumper Capacity: min. Ø 6.5 mm max. Ø 30 mm. Nominal current: 400 A	3.10
ATR17451-1	1	0.80 m long Temporary Jumper Capacity: min. Ø 6.5 mm max. Ø 73 mm. Nominal current: 400 A	4.50

