

Technical Data Sheet

SW-COMBI CA

Description: *SW-COMBI CA* is a flexible, cold-formable composite of glass fibre reinforced mica paper (Phlogopite or Muscovite) and soluble fibre (calcium silica) paper with special binder.

SW-COMBI CA is used as slip plane and coil insulation for the coreless induction furnace.

SW-COMBI CA is asbestos free and resists tearing.

Delivery form:

	<i>SW Combi CA 21</i>		<i>SW Combi CA 21 G</i>		<i>SW Combi CA 22</i>	<i>SW Combi CA 22 G</i>	<i>SW Combi CA 23 G</i>
Thickness:	2.3 mm*		2.3 mm*		2.4 mm*	2.4 mm*	2.5 mm*
Width:	0.5 m	1 m	0.5 m	1 m	1 m	1 m	1 m
Length:	20 m	12.5 m / 25 m	20 m	12.5 m / 25 m	12.5 m / 25 m	12.5 m / 25 m	12.5 m / 25 m

	<i>SW Combi CA 31</i>	<i>SW Combi CA 31 G</i>	<i>SW Combi CA 33 G</i>	<i>SW Combi CA 51</i>	<i>SW Combi CA 51 G</i>
Thickness:	3.3 mm*	3.3 mm*	3.5 mm*	5.3 mm*	5.3 mm*
Width:	1 m	1 m	1 m	0.5 m	0.5 m
Length:	15 m	15 m	15 m	10 m	10 m

*measured with 0.01 N/mm² ± 10%

G = Combination with Mica on the outside.

Customized combinations with Calcium Silica Fibre of 1 or 4 mm or with Glass Fibre reinforced Muscovite Mica Paper are possible upon special request.

SW-COMBI CA

<u>Technical Data</u>	
Thermal conductivity: Fibre at 200 °C at 400 °C at 600 °C at 800 °C at 1,000 °C (DIN 52612)	~ 0.05 W/(m·K) ~ 0.08 W/(m·K) ~ 0.11 W/(m·K) ~ 0.15 W/(m·K) ~ 0.20 W/(m·K)

Technical Data Sheet

Dielectric strength: Mica at 20°C (Phlogopite) at 20°C (Muscovite) (IEC 60243)	~ 23 KV/mm ~ 25 KV/mm
Tracking resistance: Mica (VDE 0303/1)	KA 3c
Temperature limit of application:	1,100 °C



Conformity:

Regulation **(EC) No 1907/2006** concerning the Registration, Evaluation, Authorization and Restriction of Chemicals **(REACH)**

Directive **2011/65/EU** on the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment **(RoHS)**

Full details can be found in our certificates and declarations of conformity.

Note: These technical data are average results of laboratory tests conducted under standard procedures and are subject to variations, and do not constitute a warranty or representation for which we assure legal responsibility.