

TECHNICAL DATA SHEET**INMARCO STYLE 250****Description:**

STYLE 250 Ceramic Sleeves are woven by e-glass reinforced ceramic fibers. Ceramic sleeves offer excellent thermal and electrical insulation properties. Can be used for electrical cable sleeving and as covering of high temperatures pipes. This can withstand molten splash and offer high mechanical strength with special chemical treatment.

STYLE 250 is available with special chemical treatment which will not only make the product flame proof/fire retardant but also will increase the temperature resistance up to 1400°C.

STYLE 250 conforms to ISO1400 norms and is environmentally friendly, non-toxic and non health hazardous. Ceramic products conform to physical parameter including dimensions to IS14656. There is no specific standards for ceramic sleeves but are generally covered under ASTM C892.

Operational Parameters:

PROPERTIES	UNIT	VALUE
Composition – Al ₂ O ₃	%	42-46
SiO ₂	%	52-55
Fe ₂ O ₃	%	1
TiO ₂		Traces
Max. Working Temperature	°C	1260
Melting Point	°C	1760
Thermal Conductivity (@ average of 1100°C)	wmk	0.18
Effective under pH		2-12
Leachable Chloride content	ppm	100
Loss on ignition (@ average of 1200°C)	%	15
Linear Shrinkage (@ average of 1200°C)	%	3
Inner Diameter	mm	10.0 to 100
Wall Thickness	mm	2.0 to 6.0
Standard Length	Mtr.	30.0

Typical Applications:

Electrical sleeving, Cover high temperature pipes, High temperature for pipe, duct & turbine insulation, Heat treatment furnaces.

Note:

- ❖ Custom thickness and widths possible, please contact our technical team for your requirements.

All information and recommendations given in this technical data sheet are correct to the best of our knowledge. However, in view of the wide variety of application and operating conditions one cannot draw the final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.

INMARCO FZC

P.O. Box 120284, Sharjah Airport International Free Zone (SAIF-Zone), Sharjah, UAE

Tel. No.: +971 6 5578378 Fax No.: +971 6 5578948

Email: info@inmarco.ae Web.: www.inmarco.ae