

	<b>TECHNICAL REPORT</b>	COD:
		REV.:                      DATE: 18-05-2015
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<b>PRODUCT DESCRIPTION: FE 4-17 to FE 40-100</b>		<b>VISA: S. DÍEZ</b>

**DESCRIPTION:** Technical characteristics product based in raw material characteristics.



**Revitex Stabilized VSI10 Expandable Version**

Braided fibreglass sleeving, impregnated with high temperature resistant varnish.  
 Thermal class C.  
 Operating temperature: -40°C to +550°C.  
 Peaks at +600°C.

Excellent abrasion resistance.  
 Because of its expandable braid the sleeving conforms perfectly to irregular shapes and can easily be used for jacketing.  
 Its open braid dissipates heat and humidity avoiding condensation and allowing complete drainage.  
 Self extinguishing.

**DIMENSIONS**

RELATS Raw material reference	Related LEGRAND product reference	Minimum Diameter (mm)	Maximum Diameter Expanded (mm)
VIX10 NE 050	FE 4-17	4	20
VIX10 NE 100	FE 10-35	8	30
VIX10 NE 250	FE 20-50	20	65
VIX10 NE 500	FE 40-100	40	120

**TECHNICAL CHARACTERISTICS**

Property	Test	Result
FLAME RESISTANCE	UL 1441	Self-extinguishing. Test VW-1 (sleeving in vertical position).
CHEMICAL RESISTANCE	Simulation of real operating conditions	Excellent chemical resistance to hydrocarbons, fuel, oils, solvents and aggressive chemicals agents in general. Excellent resistance to air-drying as well as oven-drying impregnating varnishes and resins.
MECHANICAL RESISTANCE	UL 1441	The wall of the sleeving resists the force of a weighted cutting edge (3,43N) at nominal temperature for more than 10 min. without being cut.
COLD RESISTANCE	UL 1441	Neither cracks nor deformations on the surface of the sleeving after 1 h. at low temperature (-10°C) and bending test.
FLEXIBILITY	DIN 40620	Neither are there any cracks on the surface of the sleeving, nor does the varnish come off.