

REVITEX VSCTF RW



Fiberglass knitbraided sleeving, thick wall, coated with self extinguishing and fire resistant silicone rubber, that guarantees a high degree of thermal insulation and fire protection.

Material: Fibreglass and silicone.

Temperature: -70°C to +235°C (Peaks at +300°C)
-94°F to +455°F (Peaks at +572°F)

Fire Behaviour EN 45545-2: R22& R23 Hazard Level: HL1, HL2, HL3.

Application:



Fire
Protection



High
Temperature



Thermal
Protection



Flammability



Electrical
Insulation

Standard Colour: Red-brown.



innovative covering solutions

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TECHNICAL CHARACTERISTICS

Property	Test	Result	
Ageing Resistance	7 days at +265°C (+509°F) 60 days at +235°C (+455°F) 1 hour at +300°C (+572°F)	No cracking or detachment of coating shall be visible and the original colors shall be clearly recognizable.	
Thermal Overcharge	20 minutes at +1090°C (1994°F)	Pass	
	15 seconds at +1640°C (2984°F)	Pass	
Single Flame Source Test (*)	EN ISO 11925-2	Ignition at the surface 15 sec.	Pass
		Ignition at the surface 30 sec.	Pass
		Ignition at the edge 15 sec.	Pass
		Ignition at the edge 30 sec.	Pass
Glow Wire Flammability Test (*)	NF EN 60695-2-11 + NF EN 60695-2-10	No ignition at 850°C (1562°F). Ignition at 960°C (1760°F)- No flame resistance at 960°C (1760°F) after glow wire withdrawal.	
Fire Resistant Test	30 minutes direct hot air gun flow	Interior temperature: 266°C (511°F)- ΔT: 534°C (993°F) Pass- Wire cables acc. UNI CEI 50264 & 50306 inside the sleeving with no damage and with continuous current.	
	30 minutes direct flame exposure at 1000°C (1832°F)	Interior temperature: 312°C (594°F)- ΔT: 688°C (1270°F) Pass- Wire cables acc. UNI CEI 50264 & 50306 inside the sleeving with no damage and with continuous current.	
Circuit Integrity (Emergency circuits)	EN 50200	Pass 30 min.	
Circuit Integrity	IEC 60331-21	Pass 30 min.	
Cold Resistance	Bending at low temperature IEC 60684-2 Clause 14	No cracking afte bending at -70°C (-94°F)	
Fire Behaviour	EN 45545-2	R22 & R23 Hazard Level: HL1, HL2, HL3	

(*) Test performed at Warrington Fire LAPI

DIMENSIONS

Reference	Size (mm) (in)	Standard packaging (m) (ft)
VSCTFRT040	4,0 (5/32")	90 (295)
VSCTFRT060	6,0 (15/64")	30 (98)
VSCTFRT080	8,0 (5/16")	30 (98)
VSCTFRT100	10,0 (25/64")	30 (98)
VSCTFRT120	12,0 (15/32")	30 (98)
VSCTFRT140	14,0 (35/64")	50 (164)
VSCTFRT160	16,0 (5/8")	50 (164)
VSCTFRT180	18,0 (45/64")	50 (164)
VSCTFRT200	20,0 (25/32")	25 (82)
VSCTFRT220	22,0 (55/64")	25 (82)
VSCTFRT250	25,0 (63/64")	25 (82)
VSCTFRT300	30,0 (1 3/16")	25 (82)
VSCTFRT350	35,0 (1 3/8")	25 (82)
VSCTFRT380	38,0 (1 1/2")	25 (82)
VSCTFRT400	40,0 (1 37/64")	20 (68)
VSCTFRT450	45,0 (1 49/64")	15 (49)
VSCTFRT500	50,0 (1 31/32")	15 (49)
VSCTFRT550	55,0 (2 11/64")	15 (49)
VSCTFRT600	60,0 (2 23/64")	15 (49)

NOTE: Standard Colour: Red-brown.
Other diameters supplied upon request.
Colour tone may vary. This does not affect technical properties of sleeve.

PACKAGING

Coils
Cut lengths upon request

SPECIFICATIONS

IEC 60684
EN ISO 11925
EN 45545-2
IEC 60331-21

This information and data is believed to be accurate and reliable. Relats places at your disposal the technical information necessary for the correct use of our products and offer the possibility of simulating in our laboratory the conditions of many applications, in order to advise on the suitability of our products. Relats reserves the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market. Material Safety Data Sheet available.