

# SF-P/SF-T/SF-E

Universal system for termination of Heat Trace self-regulating heating cable

**STRIPFREE**  
Universal Connection System  
For Safe and Hazardous Areas

- Power Connection, or In-Line & Tee splice; plus End Seal.
- Unique cutting system ensures optimum electrical contact.
- No need to strip down to conductors.
- Suitable for use in safe and hazardous areas.
- Lower system costs.
- 16A rating.

## FEATURES

### SYSTEM DESCRIPTION

The STRIPFREE range of connectors is a universal power termination and splicing system for use with Heat Trace's self-regulating heating cables.

No special tools are needed to perform a neat, convenient and simple termination.

Installation comprises simply cutting the heater to length and removal of the outer sheath (if provided). The heating cable is inserted into the StripFree unit and the end connection made by screwing down the cutting blades onto the buswires, whilst automatically clamping the braid. All of this is achieved without the need to strip away the semi-conductive heating matrix.

The STRIPFREE components provide:

- Power Connection
- In-Line Splice Connection
- Tee Splice Connection
- End Seal

### BENEFITS

1. **Ease of Installation.** No special tools required. No need to strip cables for connection.
2. **Reliability.** STRIPFREE has been rigorously tested for connection performance and long term reliability.
3. **Water Resistant.** Completed connectors are water and dust resistant to IP66 (SF PT) and IP67 (SFE), and the cable seals provide strain relief.
4. **High Integrity.** The STRIPFREE connector body has high impact resistance, is U.V. resistant and has excellent insulating properties resulting in a high integrity connector system.
5. **Simple End Seals.** A STRIPFREE end seal is applied simply by pushing onto the cable end. No need for adhesives, gels or heat shrink.



SF-P Unit.....Power Connection



SF-T Unit....."T" Splice



SF-E Unit.....End Seal

**HEAT TRACE**  
SETTING THE STANDARDS LEADING THE WAY



2776



The **Heat Tracing Authority**

# SPECIFICATION

**COMPONENTS:** STRIPFREE Connector  
 STRIPFREE End Seal  
 Suitable bushes to allow for either:

- Power Connection (to 1 or 2 heaters)
- In-Line Splice Connection
- Tee Splice Connection or End Seal
- Mounts directly onto pipe

**IP RATINGS:** Connector IP66, End Seal IP67

**'T' CLASS:** Connector T4

**AMBIENT TEMPERATURE:** -40°C to +50°C  
 (-40°F to +122°F)

**MINIMUM OPERATING TEMPERATURE:** -65°C (-85°F)\*

**SUITABLE FOR USE WITH:**

FreezStop Micro	FreezStop Regular
FailSafe Super	FreezStop Extra
FailSafe Ultimo	FreezStop Extra(w)
FailSafe Ultimo (w)	

**SF-E ONLY:** FreezStop Low Voltage (w)

**MATERIALS OF CONSTRUCTION:** Body - Polyamide  
 Conductors - Nickel Coated Brass

**WEIGHT:**

SF-P	STRIPFREE-Power	575g*
SF-T	STRIPFREE-T-Splice	535g*
SF-E	STRIPFREE-End Seal	24g*

\*Weight including packaging

**POWER CABLE:** 3C X 2.5mm<sup>2</sup> (supplied separately)

**CURRENT RATING:** 16A Continuous

**VOLTAGE RANGE:** 208 - 275V

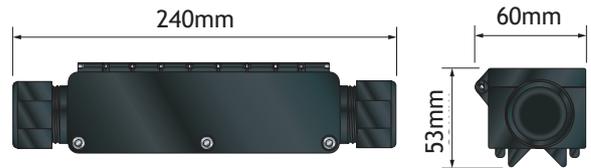
**APPROVALS:**

Testing Authority	Certificate Number
ATEX	Sira 04ATEX3293X (SF-P/T)
	CML 19ATEX3391U (SF-E)
IECEX	IECEX CML 19.0134U (SF-E)
CNEx	CNEx19.1560U (SF-E)
EAC*	TC RU C-GB.MK062.B.06045 (SF-P/T and SF-E)
CSA (Safe Area)	1295278 (SF-P/T and SF-E)

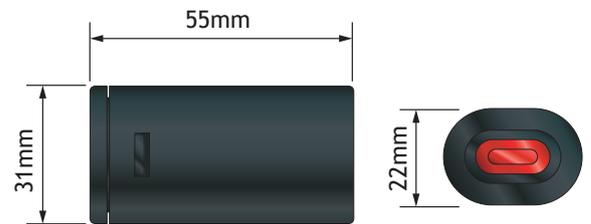
**STRIPFREE COMPONENTS:**



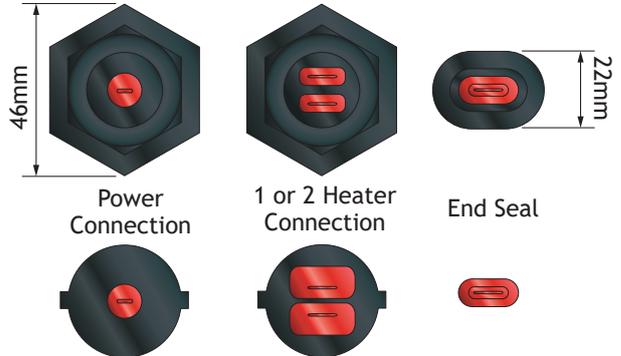
**CONNECTOR: (SF-P & SF-T)**



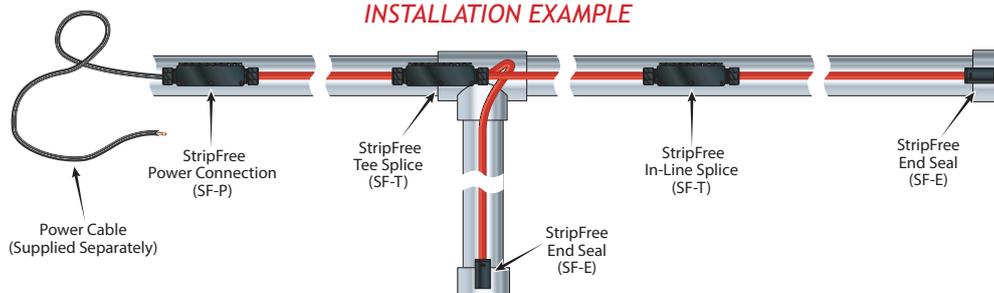
**END SEAL: (SF-E)**



**GLAND AND SEAL KIT:**



**INSTALLATION EXAMPLE**



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