

FLEXKIT® SR

Connection kits for FLEXTRACE® SR long line heating cables

Description

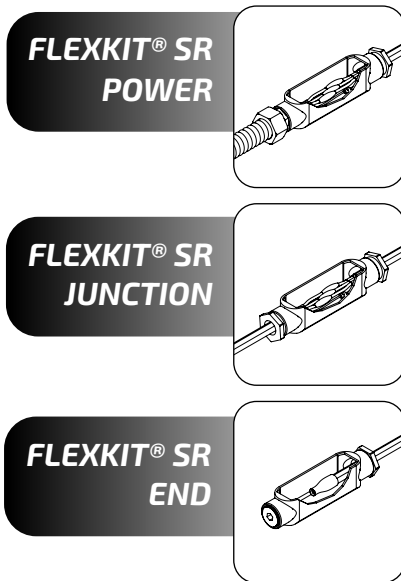
- OMERIN USA provides a complete range of FLEXKIT® SR connection kits: the FLEXKIT® SR POWER power supply kit, the FLEXKIT® SR JUNCTION junction kit, and the FLEXKIT® SR END termination kit. These kits are designed for use with FLEXTRACE® SR long line heating cables.
- FLEXKIT® SR kits are available in MEDIUM and LARGE size, perfect for the different AWG ratings of FLEXTRACE® SR long line heating cables.
- FLEXKIT® SR kits can be installed at temperatures down to -30°C. We recommend that you store the products in a dry location away from frost and humidity.
- To ensure a high degree of quality and reliability, the FLEXTRACE® SR solution is CSA/UL certified: Certificate No. 70181482, Master Contract No.: 177410.

Caution: a ground fault protection device must be used with this heating device.

Certifications Approvals



FLEXKIT® SR connection kits



• **Connects the power supply cable and the FLEXTRACE® SR long line heating cable.**
The conductor dimensions on the power supply cable are defined according to the installed power. The kit includes a flexible aluminum hose to protect the power supply cable, an aluminum junction box and the accessories required to splice cables, to attach, seal, waterproof and electrically insulate the box. **Continuous exposure temperature up to +150°C.**

Available in MEDIUM and LARGE size depending on the AWG rating of the cable used (see selection guide below). Several references are available depending on the power and maximum intensity of the heat tracing system.

• **Connects 2 lengths of FLEXTRACE® SR long line heating cables.**
The kit includes an aluminum junction box and the accessories required to splice cables, to seal, attach, waterproof and electrically insulate the box. **Continuous exposure temperature up to +150°C.**

Available in MEDIUM and LARGE size depending on the AWG rating of the cable used (see selection guide below).

• **Allows to terminate the end of the circuit.**
The kit includes an aluminum junction box and the accessories required to terminate the cable, to seal, attach, waterproof and electrically insulate the box. **Continuous exposure temperature up to +150°C.**

Available in MEDIUM and LARGE size depending on the AWG rating of the cable used (see selection guide below).

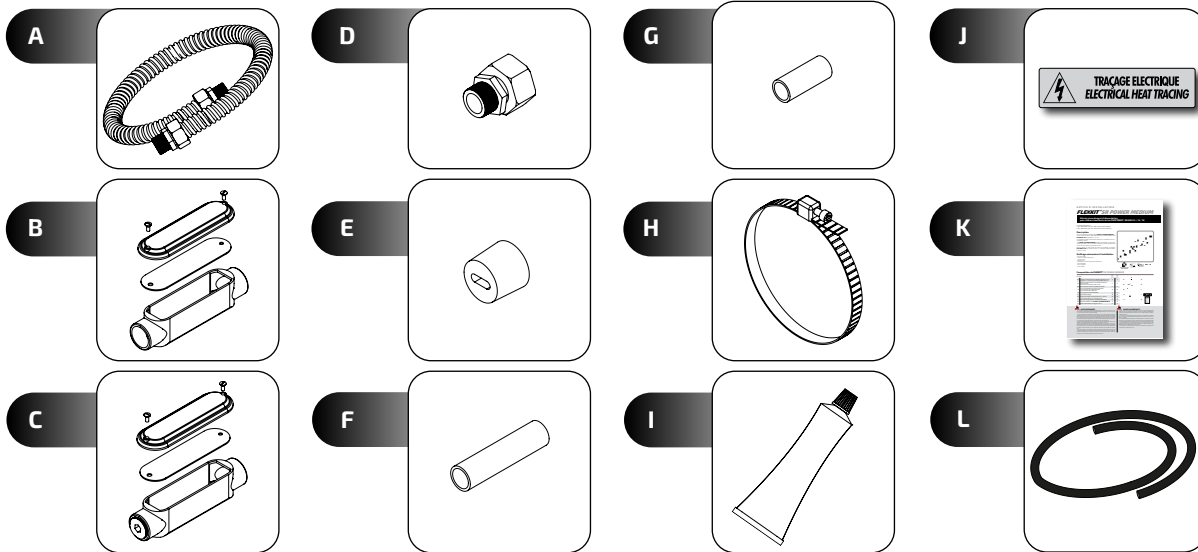
FLEXKIT® SR selection guide

FLEXTRACE® SR long line heating cables			FLEXKIT® SR connection kits			
1 CONDUCTOR	2 CONDUCTORS	3 CONDUCTORS	POWER SUPPLY SR POWER MEDIUM		JUNCTION	TERMINATION
SR1 AWG 18	SR2 AWG 18	SR3 AWG 18	With AWG 12 power cable (Max permissible current 20A) P/N: ZQS0112011	With AWG 8 power cable (Max permissible current 40A) P/N: ZQS0112009	SR JUNCTION MEDIUM P/N: ZQS0112002	SR END MEDIUM P/N: ZQS0112003
SR1 AWG 16	SR2 AWG 16	SR3 AWG 16				
SR1 AWG 14	SR2 AWG 14	SR3 AWG 14				
SR1 AWG 12	SR2 AWG 12	SR3 AWG 12	SR POWER LARGE		SR JUNCTION LARGE P/N: ZQS0112005	SR END LARGE P/N: ZQS0112006
SR1 AWG 10	SR2 AWG 10	SR3 AWG 10	With AWG 8 power cable (Max permissible current 40A) P/N: ZQS0112010	With AWG 6 power cable (Max permissible current 50A) P/N: ZQS0112012		
SR1 AWG 8	SR2 AWG 8	SR3 AWG 8				

FLEXKIT® SR contents

FLEXKIT® SR

DIAGRAM	COMPONENT DESCRIPTION	POWER	POWER	POWER	POWER	JUNCTION	JUNCTION	END	END
		MEDIUM P/N: ZQ5012011	MEDIUM P/N: ZQ5012009	LARGE P/N: ZQ5012010	LARGE P/N: ZQ5012012	MEDIUM P/N: ZQ5012002	LARGE P/N: ZQ5012005	MEDIUM P/N: ZQ5012003	LARGE P/N: ZQ5012006
A	DN21 waterproof flexible aluminum hose diameter 0.83" Length 3' / Supplied with 2 straight male 3/4" unions	✓	✓	-	-	-	-	-	-
	DN27 waterproof flexible aluminum hose diameter 1.06" Length 3' / Supplied with 2 straight male 1" unions	-	-	✓	✓	-	-	-	-
B	Aluminum junction box size M with 2 inputs Supplied with cover, seal and 2 screws	✓	✓	-	-	✓	-	-	-
	Aluminum junction box size L with 2 inputs Supplied with cover, seal and 2 screws	-	-	✓	✓	-	✓	-	-
C	Aluminum junction box size M with 1 input Supplied with cover, seal and 2 screws	-	-	-	-	-	-	✓	-
	Aluminum junction box size L with 1 input Supplied with cover, seal and 2 screws	-	-	-	-	-	-	-	✓
D	Stainless steel cable gland size M	✓	✓	-	-	✓	-	✓	-
	Stainless steel cable gland size L	-	-	✓	✓	-	✓	-	✓
E	Silicone elastomer seal size M	✓	✓	-	-	✓	-	✓	-
	Silicone elastomer seal size L	-	-	✓	✓	-	✓	-	✓
F	Heat shrink sleeve	✓	✓	✓	✓	✓	✓	✓	✓
G	Clamp tube	✓	✓	✓	✓	✓	✓	✓	✓
H	Serrated clamp collar diameter 2" up to 14.6"	✓	✓	✓	✓	✓	✓	✓	✓
I	Tube of cold-cure silicone paste	✓	✓	✓	✓	✓	✓	✓	✓
J	ELECTRICAL HEAT TRACING warning label	✓	✓	✓	✓	✓	✓	✓	✓
K	FLEXKIT® SR Installation manual	✓	✓	✓	✓	✓	✓	✓	✓
L	AWG 6 Power supply cable - Length 5', other on request	-	-	-	✓	-	-	-	-
	AWG 8 Power supply cable - Length 5', other on request	-	✓	✓	-	-	-	-	-
	AWG 12 Power supply cable - Length 5', other on request	✓	-	-	-	-	-	-	-



Installation instructions:

• FLEXKIT® SR connection kits are delivered with their individual installation manuals, which are to be strictly respected. OMERIN USA declines all liability in case of non-observance of the installation instructions provided. Also, an installation manual for the whole FLEXTRACE® SR system shall be provided for implementation of the FLEXTRACE® SR electrical tracing solution.

Warnings:

• Only use components supplied or specified by OMERIN USA. For safety reasons, never replace FLEXKIT® SR components with product not sold or specified by OMERIN USA.

For further information, please do not hesitate to contact us

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