



Backer Springfield is the global leader in heating elements for the Refrigeration industry. Our products are specially designed to meet our customers' performance requirements and to exceed industry efficiency standard.

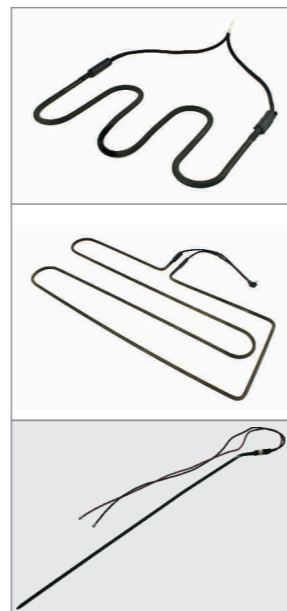
思林菲公司的加热元件在制冷行业上是全球领先的。我们的产品都是严格按照客户需求定制的，满足或超过客户对产品性能要求和行业能效标准要求。

# TUBULAR DEFROSTING HEATING ELEMENT

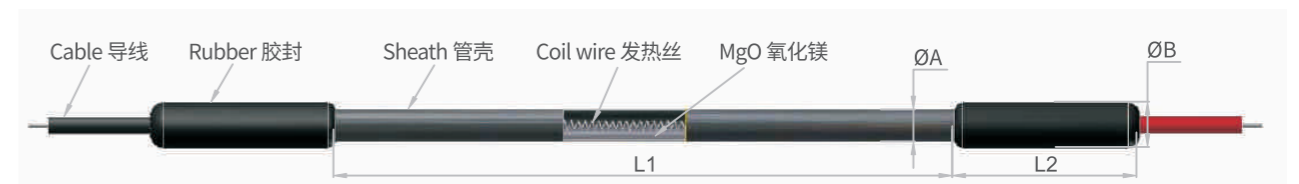
## ➔ 除霜用途加热管 Tubular Defrosting Heating Element

主要用于蒸发器加热除霜，主要应用于白色家电如冰箱及商业制冷如冷风机、冷冻展示柜、厨房冰箱、冷藏集装箱机组等。此类加热管一般以氧化镁为绝缘载体，不锈钢或者Incoloy合金为管材，采用氯丁橡胶或者硅橡胶密封模压头保护。可根据客户的要求设计不同的引出导线长度及末端连接端子，附加温控器及熔断保险丝等。

Defrost heating elements are designed to remove accumulated ice and frost from a refrigerated evaporator with application of home appliance such as refrigerator and commercial refrigeration appliances such as cooler, refrigerated showcase, kitchen freezer, refrigerated unit for container and so on. MgO is sheathed in SUS or Incoloy tubes and sealed with neoprene or silicon molded biscuit. Various lead lengths, terminals, thermostats and fuses can be designed and added according to the customer's specification.



### ➔ 产品规格



Item	ΦA(mm) (±0.13mm)	Sheath Thickness (管壁厚)	ΦB(mm) (±0.5mm)	L2(mm)	Cable size	L1(mm) (Min)	L1(mm) (Max)	Sheath Material(管材)	Coil wire Material (发热丝材质)	Tube Surface Treatment (管表处理)	Rubber Material (胶封材质)	Cable Insulation Material (导线绝缘材质)	Note(备注)
1	Φ6.35	0.43mm	Φ8.3	50	18-14AWG	300	8500	SUS304/ SUS321/ Incoloy840	NiCr/ FeCrAl/ CuNi	Black Annealing (黑化处理) / Bright Annealing (光亮处理)	Neoprene/ Silicone	Neoprene/ Silicone	Two Rubber structure (两头出线)
2			Φ11.2	44.5									
3	Φ6.6	0.43mm/ 0.51mm	Φ8.3	50									
4			Φ11.2	44.5									
5			Φ8.7	50	18-12AWG								
6	Φ8.0	0.43mm/ 0.51mm/ 0.71mm	Φ11.2	44.5	18-12AWG								
7			Φ10	50	18-14AWG								
8			Φ8.7	50	18-12AWG								
9	Φ8.5	0.43mm/ 0.51mm/ 0.71mm	Φ11.2	44.5	18-12AWG								
10			Φ8.7	55	18-16AWG								
11			Φ12	45	18-16AWG								
12	Φ10.9	0.6mm/ 0.71mm	Φ15.75	50	18-16AWG	300	7600						
13			Φ12.7	50	14-12AWG								
14	Φ9.5	0.51mm	Φ17	60	18-16AWG	300	4000						
15	Φ12	0.71mm	Φ18	60	18-16AWG	300	4000				Neoprene	Neoprene	One Rubber Structure (单头出线)

Note: "L1" indicates the linear length, we could make the shape base on customized design.  
"L1" 代表产品的线性长度，我们可以基于客户要求的定制形状来加工。