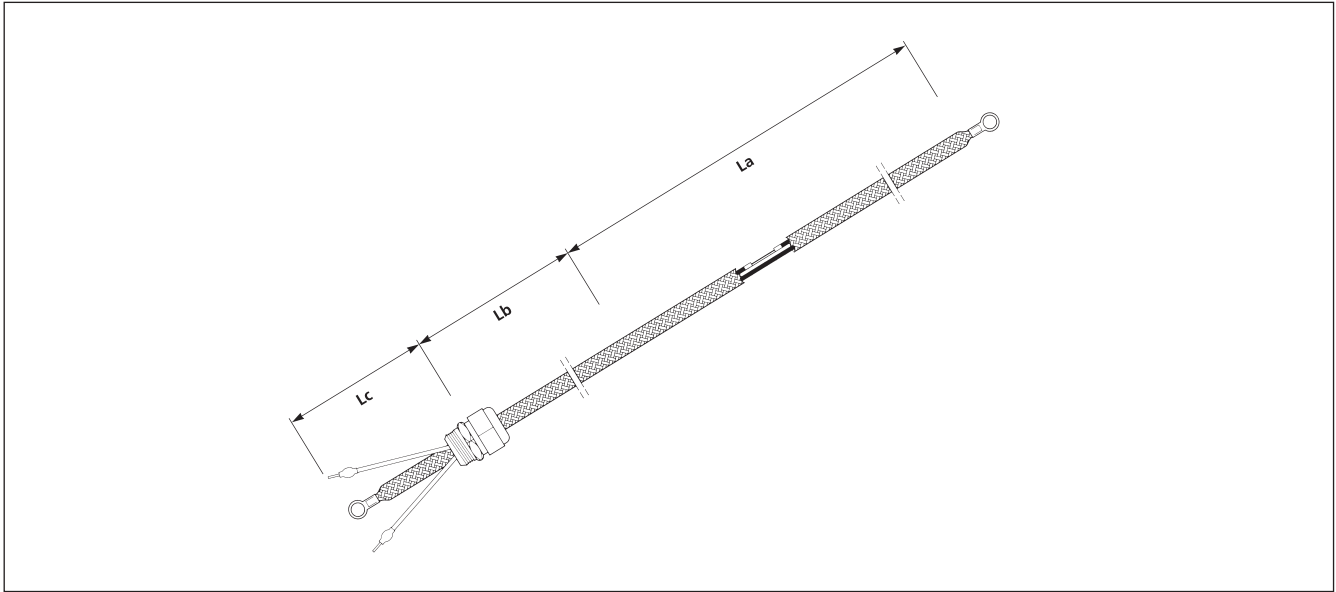


## Constant wattage mineral insulated heating tape (for non hazardous area use)

ITW/SS-M is a factory terminated heating tape having a go and return series resis-

tance heating element insulated with a PTFE sheath covered with a stainless

steel braid complete with M20 gland.



**Size** 8 mm wide x 3 mm thick

### Specification

Nominal power output	33, 44 or 55 W/m
Supply voltage (AC)	240V or 110V
Loading tolerance	± 10% of total watts
Area classification	Non-hazardous
Maximum withstand temperature (de-energised)	250°C
Minimum recommended installation temperature	-70°C
Maximum pipe temperature	170°C at 33 W/m 140°C at 44 W/m 110°C at 55 W/m
Minimum tape spacing	10 mm when spirally wound on work piece

### Construction

Heating element	Nickel chrome or copper nickel alloys
Electrical insulation	PTFE insulation plus glass fibre braiding silicone varnished
Outer sheath	Stainless steel braid

### Termination

Warm lead (Lb) pipe to gland	Warm lead with construction identical to heated section. Length 150 mm or 350 mm (On standard lengths and loadings table, tapes below dotted line have 350 mm leads)
Gland	Brass M20
Tails (Lc) gland to crimp pins	Warm tail 150 mm long. Conductors insulation with PTFE and glass braid. Separate braided earth lead.

**Standard lengths and loadings table**

Type	ITW/SS-33-M			ITW/SS-44-M			ITW/SS-55-M			
Output	33 W/m			44 W/m			55 W/m			
Max. pipe temp. (energised)	170°C			140°C			110°C			
Voltage	Usable length (La) m	Total watts	Part No.	Usable length (La) m	Total watts	Part No.	Usable length (La) m	Total watts	Part No.	
	240V	1.4	58	847 952-000	1.2	65	002 178-000	1.0	76	557 710-000
2.7		96	589 014-000	2.3	113	718 330-000	2.0	128	850 242-000	
4.0		137	982 248-000	3.5	161	204 374-000	3.0	179	682 904-000	
5.0		185	597 582-000	4.4	208	335 040-000	4.0	230	531 646-000	
6.5		217	968 558-000	5.5	253	107 772-000	5.0	280	106 750-000	
8.0		275	501 660-000	6.9	314	448 548-000	6.0	360	903 780-000	
10.0		323	816 604-000	8.3	387	148 750-000	7.5	430	544 222-000	
11.0		377	841 870-000	9.4	436	856 882-000	8.5	480	716 584-000	
12.0		427	296 864-000	10.5	484	955 144-000	9.5	535	043498-000	
--		--	--	--	--	--	10.5	590	315 700-000	
110V		1.4	44	633 594-000	1.2	50	929 724-000	1.0	58	740 004-000
		2.7	81	606 686-000	2.3	93	167 516-000	2.0	105	775 996-000
	4.0	108	365 354-000	3.5	122	209 176-000	3.0	141	574 268-000	
	5.0	167	388 864-000	4.4	188	398 898-000	4.0	254	270 328-000	
	6.5	193	334 416-000	5.5	227	209 850-000	5.0	248	540 440-000	
	8.0	222	756 106-000	6.9	256	923 494-000	6.0	293	351 880-000	
	10.0	280	856 262-000	8.3	334	289 092-000	7.5	367	483 726-000	
	--	--	--	--	--	--	8.5	448	443 400-000	
	--	--	--	--	--	--	10.5	564	357 032-000	

**Ordering details**

Part description	ITW/SS-M
Part No.	See table above

[www.isopad-gmbh.de](http://www.isopad-gmbh.de)
[www.raychemhts.com](http://www.raychemhts.com)

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Flow Control

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