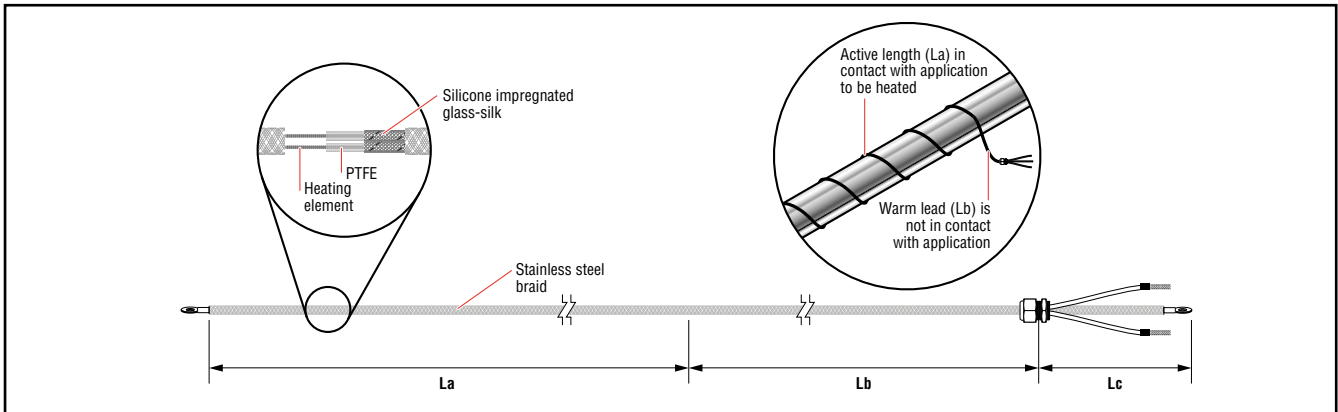


PTFE insulated heating tape

Isopad IT-ITW/SS-M is a factory-terminated heating tape having a go-and-

return series-resistance heating element insulated with a PTFE sheath covered with

a stainless-steel braid complete with M20 gland.



Area Specifications

Area classification	Nonhazardous, ordinary area
Ingress protection	IP64
Electrical protection class	Class I
Maximum withstand temperature (power off)	260°C
Minimum installation temperature	-70°C

Standard Manufacturing Sizes

Width	8 mm $\pm 10\%$
Thickness	3 mm $\pm 10\%$

Heater Construction

Type	Resistance heating cable
Material	Various alloys
Material of insulation	PTFE / silicone impregnated glass-silk
Material of outer sheath	Stainless steel braid

Lead Connection

Warm lead (Lb) pipe to gland	Short or long warm lead, for length see Ordering Information
Glands	Brass M20
Tails (Lc) gland to crimp pins	Warm tail 150 mm long Conductors insulation with PTFE and glass braid Separate braided earth lead

Technical Data

Frequency	50-60 Hz
Nominal operating voltage	240 / 110 Vac
Power per meter	33 / 44 / 55 W/m

Technical Data

Maximum operating temperature	170°C at 33 W/m 140°C at 44 W/m 110°C at 55 W/m
Minimum bend radius	7.5 mm
Minimum spacing	10 mm

Ordering Information

Output		33 W/m		44 W/m			55 W/m		
Maximum pipe temperature (power on)		170°C		140°C			110°C		
Voltage	Part number	Active length (La) ⁽¹⁾ (m)	Nominal power ⁽²⁾ (W)	Part number	Active length (La) ⁽¹⁾ (m)	Nominal power ⁽²⁾ (W)	Part number	Active length (La) ⁽¹⁾ (m)	Nominal power ⁽²⁾ (W)
240 V	847952-000	1.4	55	002178-000	1.2	65	557710-000	1.0	76
	589014-000	2.7	96	718330-000	2.3	113	850242-000	2.0	128
	982248-000	4.0	134	204374-000	3.5	161	682904-000	3.0	179
	597582-000	5.0	185	335040-000	4.4	208	531646-000	4.0	230
	968558-000	6.5	212	107772-000	5.5	253	106750-000	5.0	280
	501660-000	8.0	267	448548-000	6.9	314	903780-000	6.0	360
	816604-000	10.0	323	148750-000	8.3	387	544222-000	7.5	430
	841870-000	11.0	377	856882-000	9.4	435	716584-000	8.5	480
	296864-000	12.0	425	955144-000	10.5	484	043498-000	9.5	535
	-	-	-	-	-	-	-	315 700-000	10.85
110 V	633594-000	1.4	44	929724-000	1.2	50	740004-000	1.0	58
	606686-000	2.7	81	209176-000	3.5	122	775996-000	2.0	105
	388864-000	5.0	167	398898-000	4.4	188	574268-000	3.0	141
	334416-000	6.5	193	923494-000	6.9	256	270328-000	4.0	254
	756106-000	8.0	222	-	-	-	540440-000	5.0	242
	-	-	-	-	-	-	351888-000	6.0	293
	856262-000	10.0	280	-	-	-	483726-000	7.5	367
	-	-	-	-	-	-	443400-000	8.5	448
	-	-	-	-	-	-	357032-000	10.5	564

⁽¹⁾ Tolerances <2000 mm ± (1% + 50 mm)
>2000 mm ± (2% + 100 mm)

⁽²⁾ Tolerances ±10%