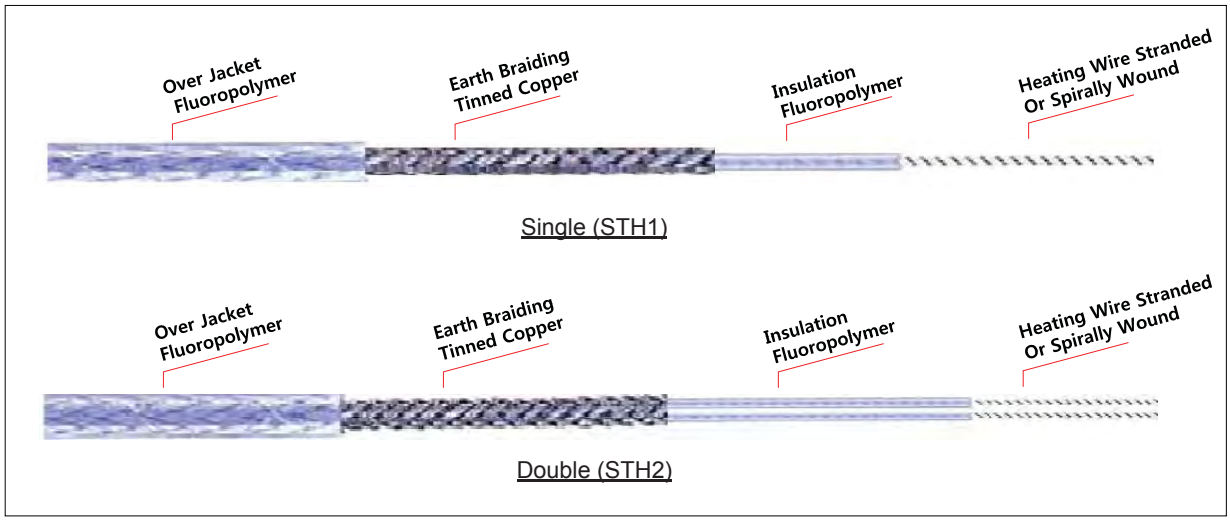
STH

Series Heat Tracing System

for Temperature Maintenance & Freeze Protection



Description of Heating Cable

- High Chemical Resistance
- Small bending Radius
- Nonhazardous and hazardous Locations
- For most Type of Industries
- Easy to install and maintenance
- High operating temperature
- Moisture protection

Technical Data

Application	**Ordinary and hazardous Locations**	
	Chemical resistance locations	
Voltage Rating	**Max. 500 VAC**	
Temperature Rating		
Maximum Continuous Temp.	**392°F (200°C)**	**- FEP Insulation & Jacket**
	482°F (250°C)	**- PFA, PTFE Insulation & Jacket**
Minimum Installation Temp.	**-58°F (-50°C)**	
Maximum Loading Output	**25W/m (FEP), 30W/m (PFA, PTFE)**	
Moisture Protection	**Yes**	

Standards

- Manufactured according to EN 60079-30-1 ; EN 60079-31 : 2009
- EC-Type Examination Certificate No. FTZU 09 ATEX 0174X
- Couformity Assessment Route
  - II 2G Ex e Gb IP66
  - II 2G Ex t III B Db IP66
  - Ex e IIC

KOREA EHT

STH Series Heating Cable

STH1 (500V) (Single Conductor)

Cable Ref.	Resistance (Ω/m)	Outer. Dimension. (mm)
STH1-0.0117	0.0117	4.70
STH1-0.0263	0.0263	4.90
STH1-0.034	0.034	4.70
STH1-0.05	0.05	4.42
STH1-0.08	0.08	4.58
STH1-0.10	0.10	4.45
STH1-0.14	0.14	4.46
STH1-0.16	0.16	4.40
STH1-0.20	0.20	4.27
STH1-0.26	0.26	4.50
STH1-0.34	0.34	4.34
STH1-0.43	0.43	4.50
STH1-0.51	0.51	4.40
STH1-0.53	0.53	4.38
STH1-0.68	0.68	4.24
STH1-0.85	0.85	4.10
STH1-1.00	1.00	4.05
STH1-1.25	1.25	4.34
STH1-1.44	1.44	4.28
STH1-1.75	1.75	4.16
STH1-2.06	2.06	4.10
STH1-2.50	2.50	3.98
STH1-3.10	3.10	3.92
STH1-3.40	3.40	3.90
STH1-4.00	4.00	3.84
STH1-4.70	4.70	3.78
STH1-5.70	5.70	3.70
STH1-7.00	7.00	3.65
STH1-8.00	8.00	3.62
STH1-9.00	9.00	3.60
STH1-11.0	11.0	3.56
STH1-13.0	13.0	3.50
STH1-15.0	15.0	3.50
STH1-20.0	20.0	3.44
STH1-25.0	25.0	3.40
STH1-30.0	30.0	3.34
STH1-40.0	40.0	4.30
STH1-50.0	50.0	4.30
STH1-60.0	60.0	4.30
STH1-80.0	80.0	4.30
STH1-100.0	100	4.30
STH1-117.0	117	4.30
STH1-160.0	160	4.30
STH1-200.0	200	4.30
STH1-300.0	300	4.30
STH1-450.0	450	4.30
STH1-600.0	600	4.30
STH1-1500.0	1500	4.30

STH2 (500V) (Double Conductor)

Cable Ref.	Resistance (Ω/m)	Outer. Dimension. (mm)
STH2-0.068	0.068	4.70 x 7.70
STH2-0.10	0.10	4.43 x 7.16
STH2-0.16	0.16	4.58 x 7.46
STH2-0.20	0.20	4.43 x 7.16
STH2-0.28	0.28	4.46 x 7.22
STH2-0.32	0.32	4.40 x 7.10
STH2-0.40	0.40	4.70 x 7.70
STH2-0.52	0.52	4.52 x 7.34
STH2-0.68	0.68	4.34 x 6.98
STH2-0.86	0.86	4.52 x 7.34
STH2-1.02	1.02	4.40 x 7.10
STH2-1.06	1.06	4.37 x 7.04
STH2-1.36	1.36	4.79 x 7.88
STH2-2.00	2.00	4.52 x 7.34
STH2-2.50	2.50	4.34 x 6.98
STH2-2.88	2.88	4.28 x 6.86
STH2-3.50	3.50	4.16 x 6.62
STH2-4.12	4.12	4.07 x 6.44
STH2-5.00	5.00	3.98 x 6.26
STH2-6.20	6.20	3.89 x 6.08
STH2-6.80	6.80	3.86 x 6.02
STH2-8.00	8.00	3.80 x 5.90
STH2-9.40	9.40	3.76 x 5.82
STH2-11.4	11.4	3.71 x 5.72
STH2-14.0	14.0	4.44 x 7.18
STH2-18.0	18.0	4.42 x 7.14
STH2-22.0	22.0	4.38 x 7.06
STH2-26.0	26.0	4.36 x 7.02
STH2-30.0	30.0	4.34 x 6.98
STH2-40.0	40.0	4.42 x 7.14
STH2-50.0	50.0	4.38 x 7.06

Note - The outer dimension of the heating cable is manufacture standard. Therefore depending on the production process size may change.