HWS

Self-regulating heating cable for hot water maintenance applications

SOLCO.
Advanced Trace Heating Solutions

Use	Temperature maintenance of hot water services in commercial buildings HWS-R and HWS-P is designed to maintain the pipe temperature at 50°C to 60°C and 40°C to 70°C respectively HWS-P allows a periodic disinfection feature against the risks of legionella bacteria species
Specifications	Max. maintain temperature (Power-ON) 80°C (176°F) Max. withstand temperature (Power-OFF) 100°C (212°F) Rated voltage : 200 ~ 240 Vac Rated power output : HWS-R (9W/m @55°C), HWS-P (9.5W/m @70°C) Dimension (nom.) : 13.4mm x 5.4mm Parallel conductors – - ASTM B355 Class 2 NPC, AWG 16 ($1.5mm^2$)
Features	It will not overheat or burn out even when overlapped Maintains hot water at desired temperature. No need to install re-circulation pipework and pumps Instant hot water supply from water tap Smooth transition switching power ON and OFF, minimising stress in the heating cable core, leading to improved energy efficiency and extending service life Independent heat output control along the length
Selection Code	HWS (ⓐ) - R (ⓑ)
Certification	CE UKCA

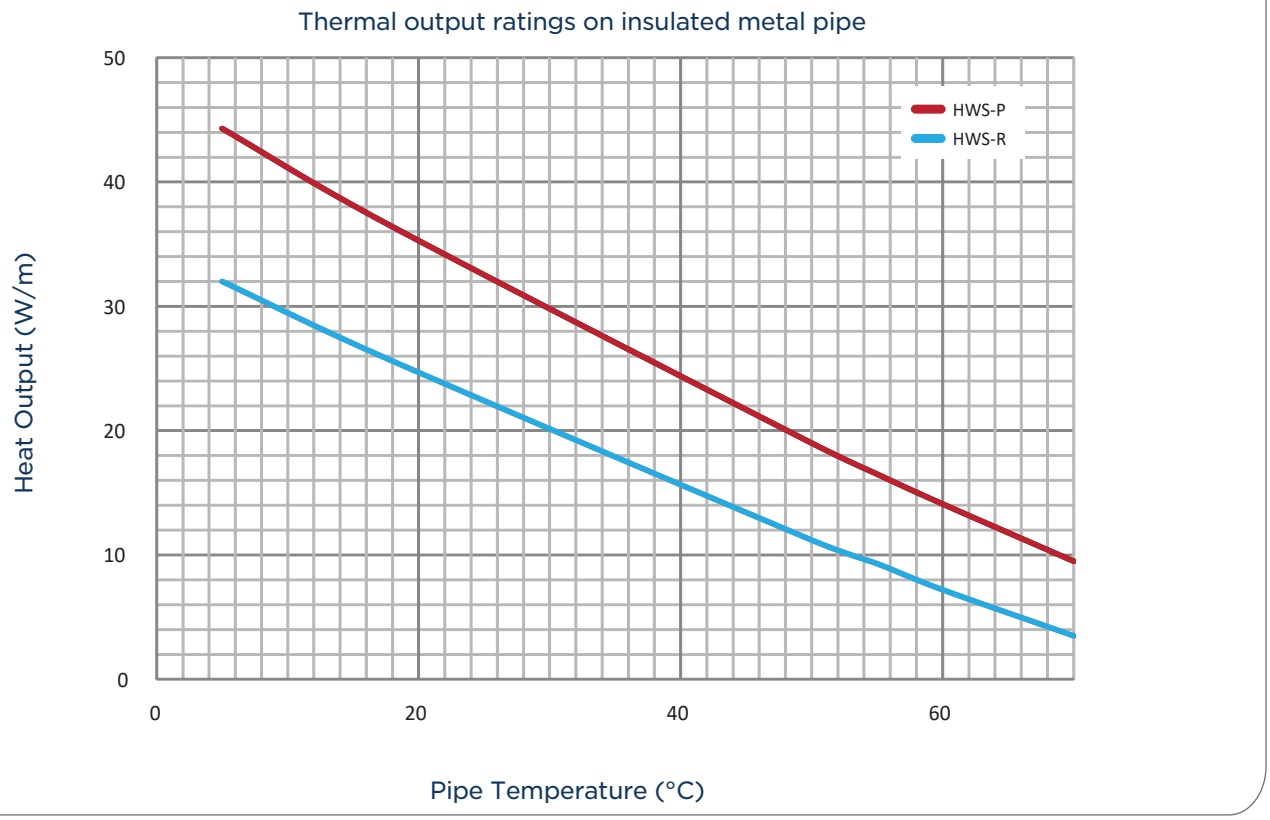
ⓐ	Hot water heating cable.
ⓑ	Rated Output : HWS-R 9.0 Watts/m @55°C Rated Output : HWS-P 9.5 Watts/m @70°C

Solco Pyroelec UK Limited Unit 11, Kenyon Business Park Pilkington Street, Bolton BL3 6HL
Email: enquiries@solcopyroelec.co.uk | Telephone: +44 (0)1204 869449 | Web: www.solcopyroelec.co.uk

Product Drawing

Parallel Conductors	Nickel Plated Copper Wire
Polymeric Heating Element	HDPE + C/B
Primary Insulation	FR Polyolefin
Earthing	Braided Tinned Copper Wire Nickel
Outer Jacket	FR Polyolefin or Fluoropolymer

Power Output Graph



Circuit Breaker Selection

Max. circuit length (m) at 230Vac based on starting temp. (°C) and typical Type C circuit breaker size (Amps).

Product code \ Breaker Size(A)	Start-up Temp. 5°C					Start-up Temp. 18°C				
	6A	10A	16A	20A	32A	6A	10A	16A	20A	32A
HWS-R	32	53	85	107	122	45	74	119	137	137
HWS-P	21	36	57	71	112	32	53	85	107	126