

# HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

## HEATSENSE - SPECIFICATION DATA SHEET

CABLE TYPE

INTEMP® 400

GENERAL DESCRIPTION

PURE NICKEL 205 WIRE CONDUCTORS INSULATED WITH LAPPED MICA TAPE AND BRAIDED GLASS YARN, CONSOLIDATED WITH SILICONE VARNISH.

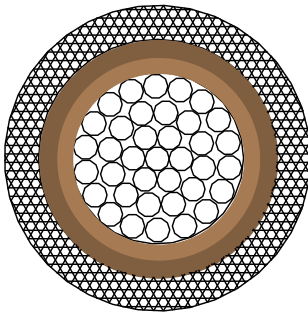
RELEVANT STANDARDS

GENERAL PURPOSE - INTERNAL HEATSENSE SPECIFICATION

Heatsense Part Number	Conductor C.S.A (mm <sup>2</sup> )	Equivalent AWG Size (approx.)	Conductor Stranding (mm)	Conductor Diameter (mm) Nominal	Overall Diameter (mm) Nominal	Current Rating (A) Maximum *	Conductor Resistance (Ω/Km Nom)
INTEMP400-0.25-WE	0.22	24	07/0.200	0.60	2.20	4	432
INTEMP400-0.50-WE	0.50	22	16/0.200	0.93	2.53	7	189
INTEMP400-0.75-WE	0.75	20	24/0.200	1.14	2.74	10	126
INTEMP400-1.00-WE	1.00	18	32/0.200	1.40	3.00	11	94
INTEMP400-1.50-WE	1.50	16	30/0.250	1.60	3.20	15	64
INTEMP400-2.50-WE	2.50	14	50/0.250	2.00	3.60	22	38
INTEMP400-4.00-WE	4.00	12	56/0.300	2.60	4.20	30	24
INTEMP400-6.00-WE	6.00	10	84/0.300	3.10	4.70	40	16
INTEMP400-10.0-WE	10.0	8	80/0.400	4.20	5.80	61	9

\* BASED ON A 40°C AMBIENT TEMPERATURE WITH 110°C CONDUCTOR RISE DUE TO CURRENT ONLY

Standard colour is White (natural). Colours or identification tracers are available on request.



CABLE CHARACTERISTICS :

VOLTAGE RATING: 600V RMS

TEMPERATURE RATING: -75°C to + 400°C

TYPICAL APPLICATIONS: GENERAL HIGH TEMPERATURE MEDIUM VOLTAGE APPLICATIONS, OVENS, KILNS, HARSH INDUSTRIAL ENVIRONMENTS.

Information in this publication and otherwise supplied to users is based on our general experience and is given in good faith, but because of the many particular factors which are outside our knowledge which affect the use of products, no warranty is given nor is implied with respect to such information. Users should make their own enquiries to determine the suitability of products for any particular use. Freedom under patents, copyright and registered designs cannot be assumed.

This design may be subject to change without notification - please check this data sheet is still current.