

# Stranded Wires

## with Silicone Insulation, H05S-K



### Sheath Colours

Black
  Blue
  Brown
  Grey
  Red
  White

High dielectric strength and moisture resistance ensuring the long-term reliability of the cables, even in moist and corrosive conditions

Ozone, UV light, and radiation resistant

Lighter weight than comparable cables with plastic or rubber insulation

Silicone rubbers do not support organic growth making them ideal for the food and medical industries

### APPLICATION:

Designed for use in environments where sustained heat resistance is required. These wires are low smoke zero halogen and are suitable for power plants, a wide range of industrial applications in processing, packaging, refrigeration, foundaries, air craft construction and ship building .

### SPECIFICATION:

Wire Code	H05S-K
Cable type	Stranded
Shielding	unshielded
Conductor	Tinned copper
Halogen-free	Yes
Conductor insulation	Silicone
Packaging	Sold by reel
Original packaging	100 m
Rated voltage	300/500 V
Standard	BS EN 50525-2-41, BS EN 60228
Min. bending radius, not moving	4 x line $\phi$
Temperature range	-60...+180 °C

### PRODUCT RANGE:

Art. Nr.	Colour	Cross-section	$\phi$ Sheath	Individual strands	Strand $\phi$
RND 475-00482	blue	0.50 mm <sup>2</sup>	2.1 mm	16	0.19 mm
RND 475-00483	brown	0.50 mm <sup>2</sup>	2.1 mm	16	0.19 mm
RND 475-00484	grey	0.50 mm <sup>2</sup>	2.1 mm	16	0.19 mm
RND 475-00485	black	0.50 mm <sup>2</sup>	2.1 mm	16	0.19 mm
RND 475-00486	red	0.50 mm <sup>2</sup>	2.1 mm	16	0.19 mm
RND 475-00487	white	0.50 mm <sup>2</sup>	2.1 mm	16	0.19mm
RND 475-00488	blue	0.75 mm <sup>2</sup>	2.3 mm	24	0.19 mm
RND 475-00489	brown	0.75 mm <sup>2</sup>	2.3 mm	24	0.19 mm
RND 475-00490	grey	0.75 mm <sup>2</sup>	2.3 mm	24	0.19 mm
RND 475-00491	black	0.75 mm <sup>2</sup>	2.3 mm	24	0.19 mm
RND 475-00492	red	0.75 mm <sup>2</sup>	2.3 mm	24	0.19 mm
RND 475-00493	white	0.75 mm <sup>2</sup>	2.3 mm	24	0.19 mm
RND 475-00494	blue	1.00 mm <sup>2</sup>	2.5 mm	32	0.19 mm
RND 475-00495	brown	1.00 mm <sup>2</sup>	2.5 mm	32	0.19 mm
RND 475-00496	grey	1.00 mm <sup>2</sup>	2.5 mm	32	0.19 mm
RND 475-00497	black	1.00 mm <sup>2</sup>	2.5 mm	32	0.19 mm
RND 475-00498	red	1.00 mm <sup>2</sup>	2.5 mm	32	0.19 mm
RND 475-00499	white	1.00 mm <sup>2</sup>	2.5 mm	32	0.19 mm
RND 475-00500	blue	1.50 mm <sup>2</sup>	2.8 mm	30	0.24 mm
RND 475-00501	brown	1.50 mm <sup>2</sup>	2.8 mm	30	0.24 mm
RND 475-00502	grey	1.50 mm <sup>2</sup>	2.8 mm	30	0.24 mm

<b>Art. Nr.</b>	<b>Colour</b>	<b>Cross-section</b>	<b>Ø Sheath</b>	<b>Individual strands</b>	<b>Strand Ø</b>
RND 475-00503	black	1.50 mm <sup>2</sup>	2.8 mm	30	0.24 mm
RND 475-00504	red	1.50 mm <sup>2</sup>	2.8 mm	30	0.24 mm
RND 475-00505	white	1.50 mm <sup>2</sup>	2.8 mm	30	0.24 mm
RND 475-00506	blue	2.50 mm <sup>2</sup>	3.5 mm	50	0.24 mm
RND 475-00507	brown	2.50 mm <sup>2</sup>	3.5 mm	50	0.24 mm
RND 475-00508	grey	2.50 mm <sup>2</sup>	3.5 mm	50	0.24 mm
RND 475-00509	black	2.50 mm <sup>2</sup>	3.5 mm	50	0.24 mm
RND 475-00510	red	2.50 mm <sup>2</sup>	3.5 mm	50	0.24 mm
RND 475-00511	white	2.50 mm <sup>2</sup>	3.5 mm	50	0.24 mm