



# insulation&conductors

## Cable

### GENERAL

OBA supplies a wide range of specialized cables, not only for the electric motor industry, but also for other applications. Our primary ranges are silicone, single core cables that are suitable for temperature ranges of -60°C to 180°C and -90°C to 450°C. This cable, suitable from -90°C to 450°C, is available in both single and multi-core types. Although the majority of these cables have copper conductors some are a nickel alloy for special applications. Also available are specialized cables that are suitable for temperatures up to 1400°C.

Product Code	Type	Cores	Screen	Conductor	Main insulation	Secondary insulation	Temp Range		Insulation Class	Voltage	Size Range (mm <sup>2</sup> )	Colours	Stock or Indent
							Min (°C)	Max (°C)					
Silicable	NVAS	1 (One)	No	Flexible Nickel	Layered Silicone/Glass	Silicone Coat Mineral Braid	-60	450	C (450)	300/500	0.25 to 50	Grey	Stocked up to 6mm, above on indent.
Silicable	NVS	1 (One)	No	Flexible Nickel	Layered Silicone/Glass	Silicone Coat Fibreglass Braid	-60	450	C (350)	300/500	0.25 to 50	Blk, Blu, Brn, GnY, Gry, Org, Vlt, Wht.	Stocked up to 6mm, above on indent.
Siliflon	EPFA	1 (One)	No	Tinned copper	PFA Fluorinated Polymer	Nil	-90	260	C (260)	450/750	0.05 to 16	Blk, Blu Rd, Wht	Stocked up to 6mm, Sizes above and other colours available on indent
Sondix	Platinum resistance detector	2, 3, 4, 6 or 8	Yes	Tinned copper	Teflon	Teflon	-190	260	C (260)		0.125 to 0.6		Stocked in 3 & 4 core 0.22mm <sup>2</sup> . Other sizes on indent.
Silicable	ECSP	1 (One)	No	Tinned Copper	Silicone	Synthetic braid	-60	180	H	<10mm <sup>2</sup> = 450/750, >=10mm <sup>2</sup> = 600/1000	0.25 to 400	Black	Stocked up to 90mm <sup>2</sup> , above on indent. White & Bright Red on indent
Silicable	ECS	1 (One)	No	Tinned copper	Silicone	Nil	-60	180	H	300/500	0.25 to 400	Blk, Blu Rd, Brn, Gn/Y, Wht	Stocked up to 6mm, above on indent. Other colours on indent
Silicoul	1.1kV	1 (One)	No	Tinned copper	Silicone Rubber with Tape under	Synthetic braid	-60	180	H	1100	1.5 to 400	Yellow	Stocked up to 185mm, above on indent.
Silicoul	3.7kV	1 (One)	No	Tinned copper	Silicone Rubber with Tape under	Synthetic braid	-60	180	H	3700 to 4200	1.5 to 400	Brown	Stocked up to 70mm, above on indent.
Silicoul	6.6kV	1 (One)	No	Tinned copper	Silicone Rubber with Tape under	Synthetic braid	-60	180	H	6600 to 7200	1.5 to 400	Grey	Stocked up to 120mm, above on indent.
Silicoul	13.8kV	1 (One)	No	Tinned copper	Silicone Rubber with Tape under	Synthetic braid	-60	180	H	13800 to 15000	1.5 to 400	Black	Stocked up to 150mm, above on indent.
Varpren	155 UL	1 (One)	No	Tinned copper	Crosslinked Polyolefin	Nil	-30	155	F	600	0.205 (24AWG) to 107 (4/0AWG)	Blk, Blu, Brn, GnY, Red, Wht.	Avail on Indent
Varpren	F	1 (One)	No	Tinned copper	Halogen free Polyolefin	Nil	-50	155	F	450/750	0.25 to 185	Blk, Blu, GnY, Red, Wht.	Stocked up to 10mm, above on indent.

For all options available - Please refer to the detailed data sheets

In addition to the specialized range above, cables for use in other applications are available. For full detailed specifications please contact your nearest OBA office.

• Low Voltage (Garden & Irrigation)	• Automotive	• Data	• Marine
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