

## BI-METAL CONNECTIONS - INTRODUCTION



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Bi-metal conductor installations utilising aluminium or copper WEDGTAP connectors can be achieved by two alternative methods. In either arrangement the principle is to use the corresponding material for the WEDGTAP and Main conductor as follows:

CONDUCTOR		WEDGTAP
Main	Tap	Material
Aluminium	Copper	Aluminium
Copper	Aluminium	Copper

#### Method 1)

Self-Amalgamating Pad - supplied in packs of 50 pieces. Wraps around the installed connection and adjacent conductors, to prevent moisture ingress.

This is a stretchable material that expands and contracts through temperature changes to provide void-free sealed protection.

Catalogue No: WGC20055PAK

#### Method 2)

WEDGTAP Kits for specific conductor combinations

For Aluminium main to Copper tap the kit comprises an Aluminium WEDGTAP and bi-metal Spill Tap.

For Copper main to Aluminium tap the kit comprises a Copper WEDGTAP and bi-metal Jumper Flex.

The bi-metal component is first compressed onto the appropriate tap conductor and placed in the tap position of the WEDGTAP. The whole assembly is then powered onto the main conductor.

See Page 12 for specific combinations and tooling details. For further information please contact Prysmian.