

PRODUCT INFORMATION

Ceramic Backing Strips



SUMMARY

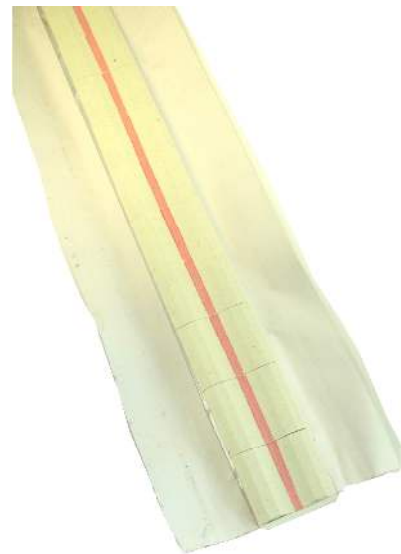
The use of ceramic backing strips enables welding to be carried out from a single side, with full penetration and reduces (and often removes) the need to grind out and re-weld a root from the reverse side.

The strips are available in a range of configurations for differing applications and resulting weld bead shapes.

TARGET APPLICATIONS

Ceramic backing strips are commonly used in heavy-gauge MIG / GMAW and MMA / SMAW applications, including structural steel fabrication, bridge-building, pressure vessel manufacture, shipbuilding and pipeline seam welding.

The strips have a self-adhesive foil backing, which adheres to the parent material. The butt-weld is lined up with the red indicator line and a small gap left if necessary.



FURTHER INFORMATION

Ceramic backing strips can be used with every weldable material to reduce oxidation and prevent hydrogen inclusion, by providing a heat-reflecting, weld-supporting surface against which to deposit the welding consumable. Gas release gaps reduce porosity by preventing gas-entrapment. By removing the need to grind out and re-weld from the reverse side, and facilitating deposition of root and fill in a single pass, the use of ceramic backing strips can reduce re-work, improve efficiency and provide operational economies.

ARTICLES & ACCESSORIES

Part Number	Product Description
PV290080062	CERAMIC BACK VB8062 GROOVE /18M
PV290806100	CERAMIC BACK VB8061 GROOVE /18M
PV290806152	CERAMIC BACK VB8061-5 GROOVE /18M
PV290806307	CERAMIC BACK VB8063-A 7MM DIA /24M
PV290806310	CERAMIC BACK VB8063-A 10MM DIA /24M
PV290806312	CERAMIC BACK VB8063-A 12MM DIA /18M

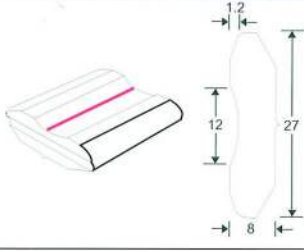

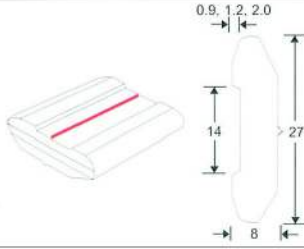

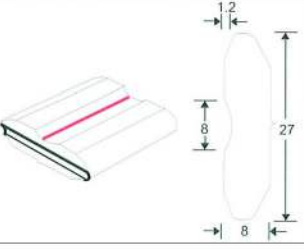

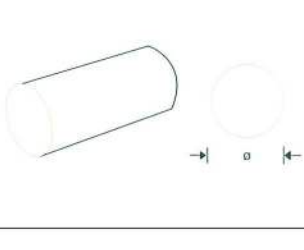
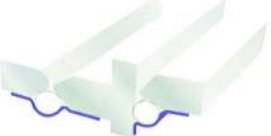
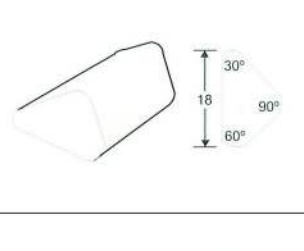

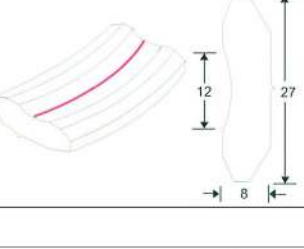

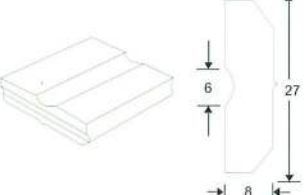

Part Number	Product Description
PV290806315	CERAMIC BACK VB8063-A 15MM DIA /1
PV290806400	CERAMIC BACK VB8064 V-SHAPE /18M
PV290806715P	CERAMIC BACK VB8067-150R (PK 8)
PV290806900	CERAMIC BACK VB8069 GROOVE /18M
PV290829500	MAGNETIC SUPPORT STRIP

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@wholeweld.co.uk**



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VB 8061			FCAW & GMAW Shipbuilding, Marine Plant, Plant, Steel Structures, etc. most widely used.
VB 8061 (5)			FCAW & GMAW Used the same as VB 8061.
VB 8062			FCAW & GMAW On narrow root opening for small back bead forming.
VB 8063 (A)			FCAW & GMAW Mainly for back plate. Suitable for Plant, Steel Structures and High Pressure Pipe (ø:5,7,10,12,15).
VB 8064			FCAW & GMAW Used for X, K open line. Selection of line angles is available (30°, 60°, 90°).
VB 8067			FCAW Used for man holes, access holes (R: 100, 150, 172, 200, 250, 300).
VB 8069			FCAW & GMAW Suitable for thin plates (6T and thinner). Mainly used for downward welding.