

PRODUCT INFORMATION

Sif CeramiBac

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 are supplied in box quantities, cut to 60cm strips.



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
PV290806100SF	Rounded Groove
PV290806152SF	Square Groove
PV290806715SF	1/8 th Segmented Circle
PV290806307SF	Round 6mm Diameter
PV290806310SF	Round 9mm Diameter
PV290806312SF	Round 12mm Diameter

PV29GR03020SF	Groove Sample Pack Includes: Rounded Groove Square Groove 1/8 th Segmented Groove
PV29RD03020SF	Round Sample Pack Includes: Round 6mm diameter Round 9mm diameter Round 12mm diameter

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com



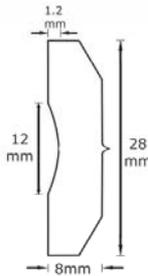
Rounded Groove



Rounded groove ceramic backing on self-adhesive aluminium tape.

Groove measures 12mm wide x 1.2mm deep.

60cm strips, 20 strips per box
Total welding length 12m



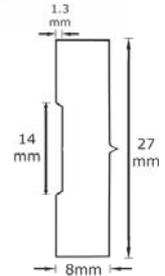
Square Groove



Square groove ceramic backing on self-adhesive aluminium tape.

Groove measures 14mm wide x 1.3mm deep.

60cm strips, 20 strips per box
Total welding length 12m



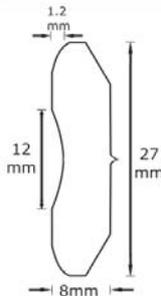
1/8th Segmented Circle



Circular ceramic backing on self-adhesive aluminium tape.

Groove measures 12mm wide x 1.2mm deep. Supplied in 1/8th segments

8 strips per circle,
10 circles per box

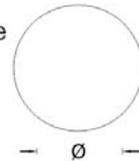


Round



Round ceramic backing on self-adhesive aluminium tape. Available in a range of diameters.

60cm strips, 20 strips per box
Total welding length 12m



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