



Perfect Pass is a line of quality-first maintenance & repair alloys.

WIRES • POWDERS • STICK ELECTRODES

B-80

DATA SHEET

FOR JOINING ALL COMMON MILD STEELS

GENERAL CHARACTERISTICS:

AC/DC coated mild steel electrode designed for all position welding of mild steels.

APPLICATIONS:

For joining angle iron, T, Perforated steel sheets, expanded metal, and all other shapes and forms of mild steel used in maintenance. Can be used for repairing and fabricating machine guards, covers, housing, and ducts. You can also use B-80 for welding floor plate, diamond plate, black iron, bulkheads, partitions, and for any other maintenance/repair of mild steels.

HOW TO USE:

Clean the surface of any debris. Use any technique you desire, short, medium, or long arc. Stringer beads or weave beads work in all positions. Remove slag in-between passes.

TECHNICAL PROPERTIES:

Tensile strength: 80,000 psi

RECOMMENDED AMPERAGE:

ELECTRODE SIZE	AMPEREAGE RANGE
1/16"	20-50
5/64"	40-60
3/32"	50-100
1/8"	70-126
5/32"	90-160
3/16"	110-200



PO BOX 612
GREENACRES, WA 99016
AGRITOOLSUPPLY.COM
800.321.5460

4230 E TRENT AVE
SPOKANE, WA 99202
A-LCOMPRESSEDGASES.COM
509.534.1595



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