



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

WIRES • POWDERS • STICK ELECTRODES

1101

WIRE PRODUCT DATA SHEET

DESCRIPTION:

Perfect Pass 1101 is similar to high chromium carbide hard facing alloy. It can be used on components subject to the most severe abrasive wear, combined with low to moderate impact. It can be used where high temperatures (1,100°F) wear resistance is required.

APPLICATIONS:

Shovel teeth, sheeps foot, buckets, blades, ripper shanks, scraper sides, cutters, bucket sides and lips. Agriculture and tillage tools. Conveyor screws, augers, and auger flights and more!

DEPOSIT CHARACTERISTICS:

HARDNESS HRC 58-62
OUTSTANDING ABRASION RESISTANCE
MODERATE IMPACT STRENGTH (UNDERLAY WITH CBU FOR BEST RESULTS)
RETAINS HARDNESS TO 1,100°F
MACHINABILITY GRIND ONLY
THICKNESS OF 2-3 LAYERS RECOMMENDED
DEPOSIT WILL CROSS CHECK

WELDCOME PARAMETERS:

DIAMETER	.045"	1/16"
CURRENT	DCRP	DCRP
AMPERAGE	150-200	175-350
VOLTAGE	21-28	24-28
SHIELDING GAS	OPEN ARC	OR CO₂
WIRE EXTENSION	1/2" – 3/4"	1/2" – 1"



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