



**Perfect Pass is a line of quality-first maintenance & repair alloys.**  
**WIRES • POWDERS • STICK ELECTRODES**

# CBU

# DATA SHEET

### GENERAL CHARACTERISTICS:

Perfect Pass CBU is a low alloy, metal cored, tubular wire that yields a medium hardness deposit with good compressive strength. It provides good metal-to-metal wear resistance when overlaid on carbon and low alloy steels. Perfect Pass CBU is designed to be used with Argon-CO<sub>2</sub> or Argon-O<sub>2</sub> shielding gas mixtures.

### APPLICATIONS:

Perfect Pass CBU is used on machine components, sprockets, gear teeth, keyways, and carbon steel rail.

### TECHNICAL DATA:

<b>HARDNESS</b>	<b>RC 35</b>
<b>CURRENT</b>	<b>AC or DC REVERSE</b>
<b>FLAME CUTTING</b>	<b>YES</b>
<b>MACHINABILITY</b>	<b>GOOD WITH CARBIDE TOOLS</b>
<b>VOLTS</b>	<b>17V - 19V</b>
<b>TRAVEL SPEED</b>	<b>8-10 PER MINUTE</b>
<b>SHIELDING GAS</b>	<b>75 ARGON / 25 HELIUM or 100 ARGON</b>

	<b>SHORT ARC</b>	<b>SPRAY ARC</b>	<b>SHORT ARC</b>	<b>SPRAY ARC</b>
<b>AMPERAGE</b>	<b>95-200</b>	<b>240-300</b>	<b>160-210</b>	<b>290-360</b>
<b>VOLTAGE</b>	<b>16-21</b>	<b>26-30</b>	<b>18-21</b>	<b>26-30</b>
<b>SHIELDING GAS</b>	<b>Ar-25CO<sub>2</sub></b>	<b>Ar-20<sub>2</sub></b>	<b>Ar-25CO<sub>2</sub></b>	<b>Ar-20<sub>2</sub></b>



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