



EAGLE P 66

SPRAY ALLOY POWDER

A high quality tungsten carbide.

APPLICATIONS

The **Eagle P 66** is a high quality tungsten carbide in a tough nickel base powder. For use on mixer paddles, pug mill knives, augers, cultivator shovels, ash chutes, chains, hog hammers, guide nozzles, plungers, valves and debarker knives.

PROCEDURE

The surface to be sprayed should be cleaned and free of oil, grease, and scale. Use a grinder to remove oxides. Preheat base metal to 400⁰F. Use a 1 – 1 ½ inch slightly carburizing flame and pre spray area to be coated to a thickness of .005". Release the feed lever. Heat until a sweating action occurs. Weave torch and add P 66 powder to meet dimension required. Cool slowly.

GENERAL CHARACTERISTICS

The **Eagle P 66** is a tungsten carbide powder in a tough nickel based matrix that is used for hardfacing on steels, nickel alloys and cast iron. This alloy resists softening effects of high heat and has excellent edge build-up.

TECHNICAL DATA

Hardness: (RC)	Approximate 60 – 64
Machinability:	By grinding
Weldability:	Excellent

www.eaglealloys.ca