



Product Introduction: *Hi – FeNb*®

1. Introduction

Hi – FeNb® is the latest iteration in the *Hi – Core*® family designed to be used in steel that requires niobium additions. The technology is believed to generate higher and more stable levels of niobium to be achieved with optimal and reduced consumption.

As seen with similar alloys the benefit of *Hi – FeNb*® is believed to be a smaller standard deviation, this would give the peace of mind of consistent and repeatable results. The technology allows for the wire to release the FeNb powder deeper into the melt by doing this, losses are reduced. The thicker sheath also allows for the powder to be released in the ideal mixing zone, calculations are done to obtain the required feed rate based on client conditions.

Hi – FeNb® is unique in the fact ferro niobium is encased in our unique and patented welded seam sheath.

2. Technical specification

Chemical Analysis:

Niobium 66.5%

	Metric	Imperial
Wire diameter	13.7 mm	0.539 in
Powder weight	642 g/m	0.431 lb./ft.
Wire weight	993 g/m	0.667 lb./ft.
Net powder weight	2439 kg	5377 lb.
Coil gross weight	3773 kg	8318 lb.

