

Salamander Plumbago Launderers

INTRODUCTION

Launderers are pre-fired shapes in clay graphite for the transfer of ferrous and non-ferrous molten metals from furnace to furnace or from furnace to ladle. They provide a metal transfer system that has a high resistance to erosion and is virtually maintenance free when installed correctly. They are available in sizes to suit most runner systems and applications. Launderers are also suitable for use as spouts in teapot spout casting ladles.

LAUNDER SIZES

REF NO.	WIDTH mm	DEPTH mm	CHANNEL mm	LENGTH mm
N3/6 <	254	254	178 X 178	1219
N3/6H <	254	179	178 X 111	1219
N3/372 *	162	102	102 X 67	840
N3/50 *	162	102	102 X 67	1000
N3/665 *	162	152	108 X 117	840
N3/666 <	162	152	108 X 117	1145

All launder profiles are available in a range of lengths to suit most applications.

* Ex Stock < Made to Order

LAUNDER PROFILES



APPLICATIONS

N3/372

This launder is used mainly for cupola spouts and provides a maintenance free spout. In a typical application the launder would be replaced every 4-6 weeks, needing minimal cleaning between shifts. The non-wetting properties of clay graphite ensure that slag build up during operation is minimised resulting in good metal flow from the beginning to the end of the working shift.

N3/665

The deeper N3/665 profile is used when there is a greater flow of metal ensuring that the molten metal is retained in the launder system at all times.

N3/6, N3/6H

These large profile launders are used for metal transfer operations where the launder system needs to remain in place with little maintenance over a long period of time. They are typically used in applications where a service life of over 8 weeks is needed (high volume automotive foundries) or any application where extended life is required. They can be used for transferring molten metal furnace to furnace or from furnace to ladle.