

# Excel E

energy saving crucible in low temperature applications

## Introduction

Excel E crucibles are high quality carbon-bonded silicon carbide crucibles manufactured using the latest roller-forming techniques and are designed to cater for a range of non-ferrous melting applications.

## Applications

Excel E crucibles are used for melting and holding of aluminium and their alloys in electric resistance & gas fired furnaces.

## Typical Metal Casting Temperature

620°C - 1000°C (1148°F - 1832°F)

## Performance Characteristics

- High oxidation resistance
- Energy efficient
- High mechanical strength
- Excellent thermal shock resistance
- High erosion resistance

## Identification

Excel E crucibles are finished in a green colour.

## Pattern Range

Excel E crucibles are available in a comprehensive range of shapes and sizes to suit most end user requirements. Custom sizes can be supplied by special request. Pyrometer hole in the wall and pyrometer pocket configurations are available to facilitate accurate measurement of metal temperature. A selection of fixed pouring spouts with optimised profiles is offered where required for tilting furnace applications.

## Quality

Excel E crucibles are manufactured from premium grade raw materials under ISO 9001:2015 quality management system.

For more information, contact us today.



# Temperature Overview

## Metal Casting Temperature

