



HEATPROOF    
SERIES

High temperature label materials for the metal casting industry

Product identification and barcoding

- Steel slabs, coils, wires and billets
- Steel annealing
- Aluminium ingots, sows and billets
- Aluminium homogenising



Poorly identified metal leads to costly, time consuming corrective procedures

- Mixed batch numbers
- Wrong identification
- Liability issues
- Customer requires improved product ID
- Lost inventory
- Inventory tracking problems
- Reading errors



Current marking methods provide limited solutions

- **Paint Sticks, Markers** ~ not scannable, legibility, reading errors
- **Paint jet, Ink jet, Powders** ~ environmental issues, lower temperature application, outdoor image durability
- **Tags nailed** ~ damage prone, lost tags, safety issues, coil or slab contamination, complicated application process
- **Laser marking** ~ high maintenance, image durability, paint patch required, time to apply
- **Stamping** ~ not scannable with standard scanning devices, legibility
- **Dot Peen Stamps** ~ not man readable, stamp costs, OCR scannable only

EATPROOF products eliminate the possibility of human error



Scannable bar code label solutions for slabs, blooms, coils, billets, wires

- Applied very early in the casting or rolling process and eliminates potential for mixed alloys
- Clear, legible text eliminates misreading and transposition errors
- Automatically track working progress
- Identifies quality and product location quickly - real time inventory control
- Hot application and homogenising application
- Barcodes and alpha numeric text allowing for scanning and human readable text
- Flexible software allows for customisation of label text and barcodes

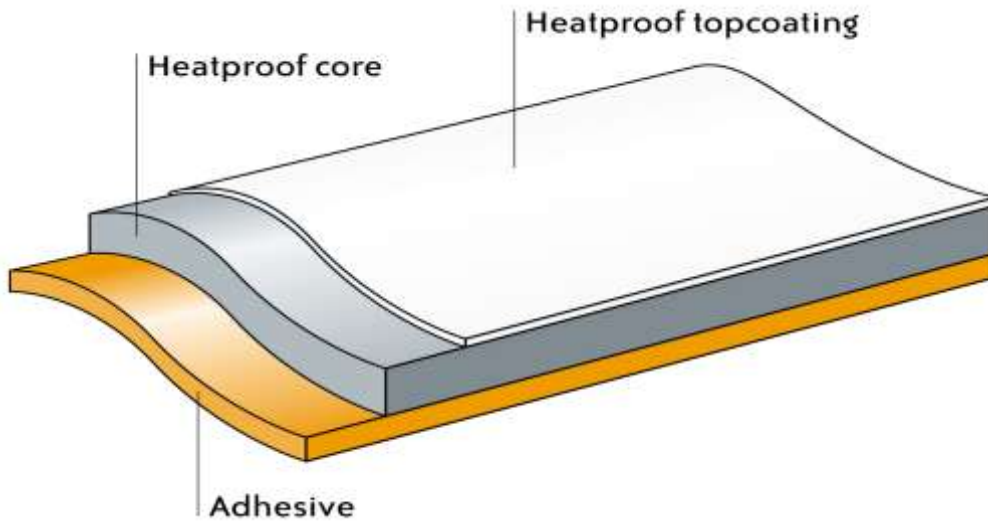


Annealing and homogenising

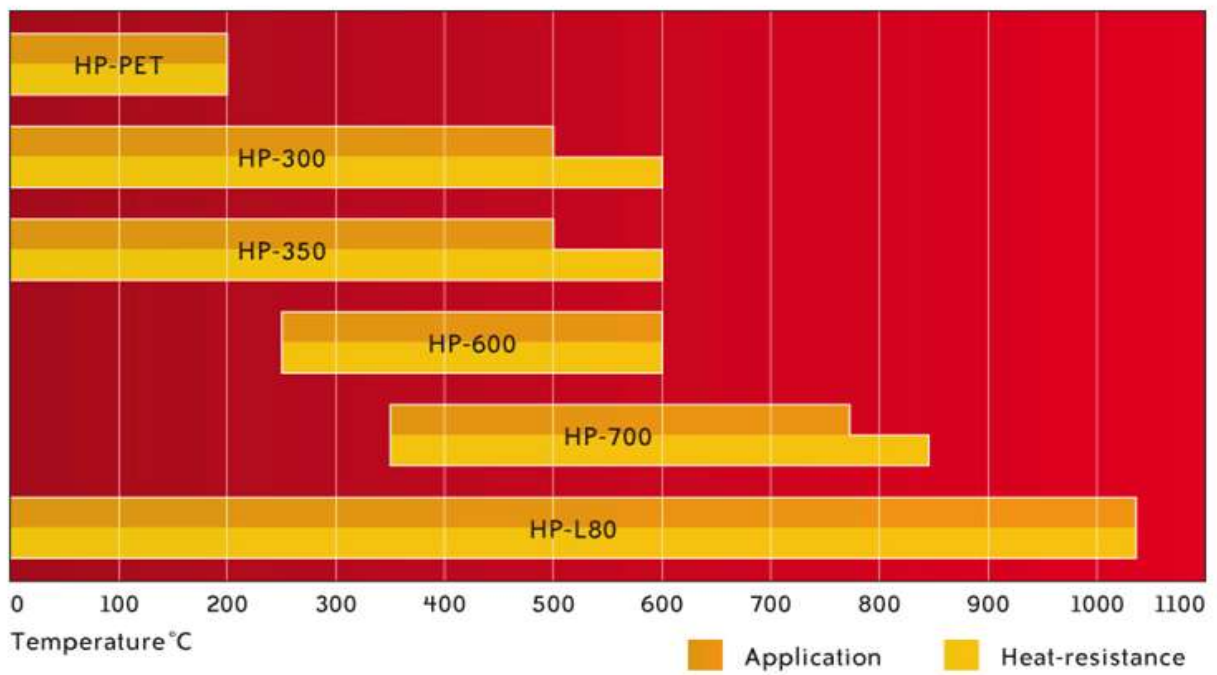
Barcode tracking label will withstand the rigors of annealing processes although some issues yet to be resolved including solvents on coil, unpredictable application temperatures. Label will survive homogenising at temperatures up to 600°C for 24 hours.



HEATPROOF construction – adhesive label



HEATPROOF product range



Adhesive labels – print and apply



Dependable Steel identification offering full technical support

- Evaluate conditions and design label
- Manufacture of applicator
- Applicator system installation
- Engineering and technical support
- Communication and programming support
- Label and printer ribbon support

Automatic applicators designed and built in house

- Applicator designed to suit customers application, budget and volume
- Automatic / semi-automatic / manual applicators available
- Automatic applicators have manual operation mode
- Specifically designed applicator to suit space / location
- Ethernet connection to PLC or host computer provides real time data management
- Full onsite training
- Comprehensive applicator manual

