

TEST CERTIFICATE

BS 5609 (Section Three)

Supplier: Mactac
Product Description: PTW4511
Base Substrate: 2.3 mil white polypropylene
Ink: Actega Optafilm ULF 186 Red
Actega Optafilm #3 Cool Gray
Actega Water Litho Imprint Coating
ITW Thermal Films B325 black resin ribbon

Smithers Pira reference: 17-145330/c

Tests passed	Test methods	Clause reference
Print key effectiveness	H, G	8.1
Abrasion resistance	J, G	8.2
Permanence of print	E, G	8.3

This is to certify that the above label base material had been tested by Smithers Pira and conforms to:

BS 5609: 1986 Section 3 - 'Laboratory Performance of Printed Labels'.

Signed 
Maggie Carnegie

Dated 5th January 2018