

TEST CERTIFICATE

BS 5609 (Section Three)

Supplier: Mactac
Product Description: PTW4511
Base Substrate: 2.3 mil white polypropylene
Ink: ITW Thermal Films B128 black wax resin ribbon
ITW Thermal Films B120 red wax resin ribbon

Smithers Pira reference: 19-153760

| 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 
David Tempest

Dated 8th May 2019