



INTERFLUX[®] Total Solution TS 18

Description:

TS18 is a synthetic no-clean flux. TS18 is developed to allow a wide-open process window for the no-clean soldering process. Since no-clean fluxes are not developed to be cleaned, TS18 is especially made to be compatible with solvent based cleaners for those who still want or need to clean (part of) their production for specific reasons. The excellent soldering performance reduces the process costs and improves the quality. TS18 meets Bell-core and IPC requirements.

Application:

TS18 can be applied by foam, spray, wave or dipping. Use an airknife after foamfluxing. On the preheating the PCB should reach between 80°C and 120°C on topside. A solderwave set-up where oxides are pushed over the backplate when the PCB reaches the solderwave, is recommended.

The solderability of TS18 on pretinned or OSP coated bare copper boards is excellent. For soldering on bare copper, please consult also the Interflux[®] publications on this issue.

Any residues (transparent!) that would occur, can easily be removed with Isopropanol or with solvent based cleaners.

Physical and Chemical Properties:

Density (20°C)	: 0.8015 g/ml ±0.0015	Halide content	: 0 %
Solid Content (activ.)	: 1.8% ±0.1	Water content	: < 0.1%
Total Acid Number	: 15 mg KOH/g ±1	Colour	: colourless
Flash point (T.O.C.)	: +13°C	Odour	: Aliphatic alcohol
Recommended thinner	: T1000 conditioner		

Health & Safety:

Material Safety Datasheets available upon request.

Packaging:

10L, 25L and 200 litre high density polyethylene drums.

Product information in other European languages can be obtained at *Interflux[®] Electronics NV, 9042 Gent*. Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the suitability of each such product for their particular purposes. The products discussed are sold without such warranty, either expressed or implied.

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