



# Total Solution flux

## TS 15

INTERFLUX®  
ELECTRONICS N.V.



Technical data TS 15

Ver: 2.0 14-05-10

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## No-clean soldering flux

### Description:

Interflux® **TS 15** is a No-clean flux developed to give minimal residue formation in No-clean soldering applications, making it extremely suitable for solar module manufacturing.

The flux can be applied by means of spray, foam or dipping. In open systems, **T1000** should be used as a thinner to compensate for solvent evaporation.

**TS 15** can be used in SnPb as well as lead-free soldering processes.

Being a No-clean flux, it is designed to be safe and reliable without cleaning after soldering, however **TS 15** is compatible with conventional solvent based cleaners in case cleaning is desired.

**TS 15** meets Bell-core and IPC requirements.



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### Key advantages:

- Very low residue
- Excellent for solar module manufacturing
- Absolutely halogen free
- Good wetting on Cu, Ag, Sn ...

## Physical properties

Appearance	Clear colourless liquid
Odour	Aliphatic alcohol
Solid content	1,50 % ± 0,1
Density at 20°C	0,799—0,802 g/ml
Water content	< 0,1%
Acid number	11 – 13 mg KOH/g
Flash point T.O.C	13°C (55°F)



## Test results

conform EN 61190-1-2(2002) and IPC J-STD-004A

Property	Result	Method
<b>Chemical</b>		
flux designator	<b>OR L0</b>	J-STD-004A
qualitative copper mirror	<b>pass</b>	J-STD-004A IPC-TM-650 2.3.32
qualitative halide		
silver chromate (Cl, Br)	<b>pass</b>	J-STD-004A IPC-TM-650 2.3.33D
spot test (F)	<b>pass</b>	J-STD-004A IPC-TM-650 2.3.35.1A
quantitative halide	<b>0,00%</b>	J-STD-004A IPC-TM-650 2.3.35C
<b>Environmental</b>		
SIR test	<b>pass</b>	J-STD-004A IPC-TM-650 2.6.3.3B



## Packaging

High density Polyethylene drums of:  
10L, 25L and 200L



D i s c l i m e r

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