

Technical Data Sheet



Product Name: Low Temperature Curing Sealant and Adhesive Filled with Nylon Flock

Product Number: NML76

Product Description: A Nylon Flock filled low temperature curing sealant / adhesive used in Aero Engine applications.

Approvals/Specifications:

- MSRR 9042
- Omat 8/208
- It incorporates materials that were approved to ASF 1190, AFS 525 and MSRR 9880 / 5

Performance: Will withstand a double lap sheer as defined in MSRR 9042; >13. Mpa at 80°C, 27.6 Mpa at 23°C.

Components: Multi-Part Kit supplied as Parts A, B and C pre-weighed to allow a 100 (A); 43 (B); 10 (C) parts by weight mix.

Application:

Surface Preparation: The adhesive shall only be applied to surfaces correctly prepared in accordance with RPS 407.

The importance of cleanliness cannot be over emphasised for bonded surfaces. Any dirt, grease or other contaminants on the bonded surfaces will result in unsatisfactory bonding.

The area used for bonding should be segregated from normal workshop conditions. The area must be kept clean and subject to any additional precautions necessary at a local level to ensure an appropriate level of cleanliness.

Paint Preparation: Mix parts by weight 100; 43; 10 (Provided in correct portions in kit). Thorough mixing by rigid spatula is required to ensure a

homogenous

smooth blending of the three components. Mixing for a minimum 3 minutes is expected.

Application Method:

The adhesive may be applied by spatula to give an even coating to both adhesive bonding surfaces. It may be applied in edge sealing positions by a pressure air gun.

Drying Curing:

Pot life: maximum 2 hours at room temperature (nominal 18-23°C)

Recommended curing cycles:

- 3 hours @ 70°C
- 1 hour @ 100°C
- 24 hours @ room temperature (nominal 18-23°C)

The times shown are minimum values.

Temperatures shown are minimum values.

Technical Properties:

Supply Viscosity:	N/A
Flash Point:	>65°C
VOC Content:	0 g/litre
Colour:	Cream Paste when mixed
Pack Size:	500g kit
Density:	Pre-Weighted Kit
Gloss:	N/A
Thinner:	N/A
Solvent/Clean Up:	40006 Gun Cleaner
Catalyst:	3 Part Kit
Theoretical Coverage:	5.5 sq m / kit @ 75 micron

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

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For Safety Data Sheets please contact our Sales Department:

Tel: +44(0)121 702 2485

Email: sales@indestructible.co.uk