

# Technical Data Sheet



## Nylog Red

Part # RT200R, 30ml

### Overview:

Nylog Red is viscoelastic liquid derived from refrigeration grade mineral oil, a non-hardening, non-drying fluid which bonds tenaciously onto many different substrates. Nylog Red is completely miscible and suitable for NH<sub>3</sub>, propane, CFC and HCFC refrigerants. The product will not cause any system restrictions, fouling or failure. Nylog is used by OEMs and industry professionals worldwide.

### Used Where:

Nylog Red is typically used on NH<sub>3</sub>, propane, CFC and HCFC systems that contain mineral or alkyl benzene oil as the base compressor lubricant. Use as a sealant to prevent high pressure leakage on any threaded connection, gasket, O-rings, saddle taps, shaft seals or Schrader valve. Use as an assembly lubricant. Typical uses include coating of pistons, cylinders, rods, rings and valves. Refrigerant leakage is greatly reduced when shaft seals are coated with Nylog. Coated Schrader valve cores do not leak and their depressors remain lubricated. Pre-lubed solenoids, actuators, unloaders or ball valves are prevented from binding. Gaskets coated with Nylog do not become heat fixed to the base metal. The gaskets can be easily removed many years later.

### Directions:

1. Apply Nylog to gaskets, threads, or use as an assembly lube.
2. Tighten connections.

### Chemical Description:

Proprietary viscoelastic mineral oil. Slight petroleum odour and colour. Boiling point 232°C with depolymerisation occurring at 187°C. Impervious to water, however low level moisture absorption from prolonged exposure to atmosphere can occur. Please refer to SDS for more information.

### Properties:

Nylog Red is a tacky and tenacious fluid. Modified petroleum compound and/or derivative N.O.S.

### Certifications:

Mixtures of Nylog Red with mineral and alkyl benzene oils have passed ASHRAE STD 97 seal tube compatibility testing with both CFC-12 and HCFC-22 refrigerants. NSF H2 registration number 119843. Kosher Certified by OK Kosher.

### Storage and Handling:

Keep away from open flame. We only recommend this product for use on air conditioning and refrigeration equipment. Use standard precautionary measures when handling any chemical. Keep container closed and store away from heat or direct sunlight. Use in well ventilated areas. Rinse any affected areas with soap and water. Soak up spills with absorbent material and dispose of as petroleum waste according to Federal or State laws. KEEP OUT OF REACH OF CHILDREN.



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# Technical Data Sheet



## Nylog Blue

Part # RT201B, 30ml

### Overview:

Nylog Blue is viscoelastic liquid derived from synthetic refrigeration oil, a non-hardening, non-drying fluid which bonds tenaciously onto many different substrates. Nylog Blue is completely miscible and compatible with virtually all refrigerants and base compressor oils. The product will not cause any system restrictions, fouling or failure. Nylog is used by OEMs and industry professionals worldwide.

### Used Where:

**Flare Fittings:** Both faces of the flare as well as the threaded connectors are coated. Primary attention is given to the flare face. The majority of Nylog is pushed out of the flare boundary but not completely expelled. Helium leak testing of flares treated in this manner were tighter than flares coated with pipe dopes, resin adhesive, anaerobes, silicone or a dry connection.

**Gaskets:** The Nylog oil is absorbed into the gasket. Apply to both sides. Gaskets treated with Nylog rarely dry or become heat fixed to the metal. The gaskets can be easily removed many years later.

**Tapered Pipe:** Since pipe threads are never cut to the same tolerance, we recommend using Nylog over and under Teflon tape for a superior high-pressure seal.

**Compression Fittings:** The sealing method is similar to a flare connection but with less surface area. Pre-coat the tubing, ferrule and threads with Nylog.

**Saddle Taps:** Pre-clean the tubing with fine sandpaper to provide a clean surface. Coat the gasket and tubing surface with Nylog. Assemble and apply sufficient torque.

**O-Rings:** Connections having a rubber or plastic ring gasket usually leak due to over-tightening. The use of Nylog as an O-ring lubricant offers leak tight connections at low torque levels. Excellent for automotive A/C connections.

**Assembly Lubricant:** Nylog is a liquid lubricant. Typical uses include coating of pistons, cylinders, rods, rings and valves. Refrigerant leakage is greatly reduced when shaft seals are coated with Nylog. Coated Schrader valve cores do not leak and their depressors remain lubricated. Pre-lubed solenoids, actuators, unloaders or ball valves are prevented from binding.

### Directions:

1. Apply Nylog to gaskets, threads, or use as an assembly lube.
2. Tighten connections

### Chemical Description:

Proprietary viscoelastic synthetic lubricant. Slight petroleum odour and colour. Boiling point 232°C with de-polymerisation occurring at 187°C. Impervious to water, however low-level moisture absorption from prolonged exposure to atmosphere can occur. Please refer to SDS for more information.



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# Technical Data Sheet



## NYLOG White

Part # RT202W, 118ml

### Overview:

Nylog White is a non-hardening and non-drying assembly lubricant used to prevent high pressure leaks on threaded connectors, gaskets and O-rings. Suitable for use on compressed air, potable water, gas fired appliances and glycol systems.

### Used Where:

Nylog White is a semi-solid paste with brush applicator suitable for use on compressed air, potable water, gas fired appliances and glycol systems.

### Directions:

1. Apply Nylog White to gaskets, threads, or use as an assembly lube.
2. Tighten connections.

### Chemical Description:

Proprietary blend of high molecular weight silicones and micronised PTFE.

### Properties:

Nylog White is a non-toxic, non-flammable and non-odorous product. Flash point greater than 298°C. Working range between -45 to +260°C. Chemically stable and compatible with all metals, plastics, rubber and composite materials.

### Certifications:

NSF registered for incidental food contact such as drinking water systems. Kosher certified by OK Kosher.

### Exceptions:

DO NOT USE ON OXYGEN SYSTEMS. This product is not compatible with refrigerants or hydraulic fluids.

### Storage and Handling:

Use standard precautionary measures when handling any chemical. Never mix or combine this product with any other product or ingredient. Keep container closed and dispose according to Federal or State laws. KEEP OUT OF REACH OF CHILDREN.



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