

Technical Data



Performance you can trust

RTD COMPOUND

Hand Applied Reaming, Tapping & Drilling Lubricant Paste

Description

RTD Compound is a metal cutting lubricant in paste form for use in reaming, tapping, drilling and other metal cutting operations.

RTD Compound is suitable for most metals including hardened steels, nimonic alloys and titanium. Containing extreme pressure additives, **RTD Compound** significantly reduces friction giving superb cutting performance.

RTD Compound may be diluted with light mineral oil to provide flow, but is not suitable as an additive to water based fluids.

Areas of application

- Tapping
- Drilling
- Reaming
- Metal forming

Features

- Prolongs tool & die life
- Improves thread and surface finish
- Prevents welding – ideal for difficult metals
- Adheres well to working surface
- Increases production rate
- MPI Approved C12 (All animal product except dairy)

Technical data

Appearance	Dark brown paste
Operating Temperature Range (°C).....	-10 to 250
Flammability	Non Flammable
Shell '4 Ball'	
Weld Load – neat (kg).....	>800
Wear Load - 5% in all (kg)	315

The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

Directions for use

RTD Compound is applied by brush directly to tool surface of work piece or by dipping tool into the compound. As temperature rises paste will melt and run to the surfaces of contact.

Storage and Shelf Life

Store in indoor dry conditions between 5°C and 50°C, keep away from sources of heat and naked flames. When stored in original sealed containers, the minimum shelf life is four (4) years.

Packaging

RTD Compound is available in 500gm, 2.5kg and 20kg sizes.

Ordering Information:

500gm Tin	#RY551211
2.5 kg Tin	#RY551221
20 kg Drum	#RY551241

Health & Safety Information

The product is non hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website.

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