

## General Description

FC28 is a thermoplastic rubber based on high quality mineral oil, used in flooding application for copper and/or aluminum cables. Excellent water resistance, rust and corrosion protection.

## Performance in Cables

The chemical properties of the product remain stable if kept in a temperature range between -50°C to 85°C; short exposures to temperatures up to 200°C will not affect them.

Cables flooded with FC28 will show an excellent balance of properties associated with temperature, humidity, and other common operating conditions.

## Processing

Product may be pumped with the usual metering pump devices at a minimum temperature of 100°C. Constant quality ensures high-speed, trouble-free production.

## Health, Safety Precautions and Identification

- non irritant to eyes
- non irritant to skin
- non nutritive to fungus

Good personal hygienic practice should be used, and prolonged contact with skin should be avoided. Based on our current knowledge and available information, FC28 does not pose any health risks.

For further information, please refer to the Safety Data Sheet.

## Packaging

20 kg pail	top internal diameter	328 ± 1 mm
	bottom internal diameter	312 ± 1 mm
	height	383 ± 1 mm
170 kg ribbed drum	internal diameter	571 ± 3 mm
	height	875 ± 5 mm
170 kg straight-sided drum	internal diameter	571 ± 3 mm
	height	885 ± 5 mm
850 kg returnable (IBC) container	length x width x height	1,200 x 1,000 x 1,185 mm
850 kg disposable lined container	length x width x height	1,200 x 1,000 x 1,400 mm

*Other container types and sizes such as plastic or stainless steel can be tailored to customer requirements based on quantities and location.*

## Storage Information

Protect from moisture; storage life several years.



Characteristics	Value	UOM
Density	0.85 ± 0.05	g/cm <sup>3</sup>
Flash Point ASTM D92	> 225	°C
Dropping Point	90	°C
Viscosity @ 150°C, ASTM D2161	300	SUS
Rust Test ASTM D665 (110°C)	Pass	Visual
Oxidation Induction Time ASTM D3895	>30	min
Cone Penetration 20°C	>80	1/10 mm
Slump ASTM D2202	Pass	–
Color	Light Yellow	Visual
Odor	Very Mild	Smell
Texture	Smooth Flexible	Touch

### Compatibilities

PET, PBT, PA, PC	Compatible with thermoplastic materials commonly used in cables
PE	To be checked by the cable manufacturer; results are greatly influenced by material type

*This Technical Information reflects the current knowledge, and is designed to inform and advise. Info-Gel assumes no liability for correctness. Modifications may be made in the interest of technical improvement.*



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