



GLISS[®] WMM

TECHNICAL INFORMATION

GLISS[®] WMM is designed to address the problems related to the installation of power, telephone, and fiber optic telephone cables. It eliminates up to 80% of friction; its potential applications are in the same fields as have already been solved by lubricants in the same series engineered and produced by CARIMA

Appearance: The product is a thin white gel; the water and glycol in the gelatin act as lubricants as well as vehicles for other specific lubricants which act along the way. Easy to apply, the gel facilitates its spreading on cables to be installed vertically, without any dripping or loss of lubricant.

Traditional use: Apply the gel with a sponge onto the cable; install the cable. The water will evaporate, leaving a layer of lubricant on the cable.

The lubricant layer will stay on for a very long time, facilitating replacement or introduction of other cables in the same duct.

No glue effect (the glue effect occurs when, once the water evaporates, the gel turns into glue, causing all the cables to stick to each other).

GLISS[®] WMM is a non-toxic, inert, bio-degradable, non-flammable product.

TECHNICAL SPECIFICATIONS

Appearance	white
Odor	none
Viscosity	26,000 cp
Specific gravity	gr/cm ³ 1
pH	7 neutral
Use temperature	-10 - +50°C
Toxicity	non-toxic
WGK	1 (according to 2000 German and British standards)

PACKAGING:

Cod. VGELWMM05,1

Cardboard box containing 0,5 kg bottles 12 units

Or Cardboard box containing 1 kg bottles 15 units

Cod. VGELWMM 5 - 10 - 20 - 25 Kg 5 - 10 - 20 - 25 cans



CSI

Certificazione e Testing

DIVISIONE:

DIVISION: Food Packaging Materials

LABORATORIO:

LABORATORY:

MATERIALS

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RESULTS

DETERMINATION OF BIODEGRADABILITY IN AQUEOUS ENVIRONMENT (Sturm Method modified – O.G. 07-12-90)

Initial characterization of the sample:

Organic carbon (TOC): 13,05% of the sample as it is

Quantity of organic carbon added to each reactor (2 reactors for each sample):

SAMPLE	Organic carbon (mg)	Amount of theoretical CO ₂ , ThCO ₂ (mg)
Reference, Sodium benzoate	60,22	220,8
GLISS WMM	85,49	313,5

In the table below are reported the percentages of biodegradability calculated in relation to the quantity of total initial organic carbon contained in the samples.

SAMPLE	Days	Cumulative CO ₂ (g)	% Biodegradability (% ThCO ₂)	% Average biodegradability
Reference, Sodium benzoate	50	0,2156 – 0,2129	97,62 – 96,40	97,01
GLISS WMM	50	0.2868 - 0.2836	91,49 – 90,40	90,99

Note: in the table are reported the results of the single tests conducted in double.

DATE
Date

28/03/2008

**RESP. Food Packaging
Materials**

Division Head

G. Vestrucci

**RESP. OF THE CENTRE
Managing Director**

P. Cau

GRUPPO
IMQ

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