

BLUE MAGIC

INDUSTRIAL GRADE PIPE THREAD COMPOUND

IG-SPEC

PRODUCT DESCRIPTION

PRODUCT

BLUE MAGIC Industrial Grade Pipe Thread Compound

DESCRIPTION

BLUE MAGIC is an all-purpose, non-seizing, industrial grade thread sealing compound that produces a leakproof seal on all types of metal and plastic threaded connections. **BLUE MAGIC** is a smooth, grit free, completely homogenized, blue industrial grade paste.

- Non-Separating
- Grit Free
- Non-Toxic
- Easy Cleanup
- Adheres to Oily Threads
- Excellent for Stainless Steel

RECOMMENDED USES

BLUE MAGIC will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. **BLUE MAGIC** will never harden, and is an anti-galling compound making it possible to disassemble pipes and bolts easily after years of service. Suitable for PVC and CPVC. Suitable for use on systems carrying:

Acids, Dilute	Hydrogen
Air, Compressed	Inert Gases
Aliphatic Solvents	Jet Fuel
Alkalis, Dilute	Kerosene
Ammonia	Lacquer
Brine	L P Gases
Butane	Mineral Oils
Carbon Dioxide	Naphtha
Castor Oils	Natural Gas
Caustic Alkali (Dilutes)	Nitrogen Gas
Chlorinated Water	Petroleum Oils
Coal Tar Naphtha	Petroleum
Corrosives	Solvents
Cutting Oils	Potable Water
Diesel Fuel Oil	Propane
Fatty Acids	Refrigeration
Freons (All)	Gases
Gasohol	Soap, Liquid
Gasoline [^]	Steam Lines
Glycol	Sugar, Liquid
Heating Oils	Vegetable Oils
Helium, Gaseous	Water
Hydraulic Oils	Xylol

IG-SPEC

© 2014 J.C. Whitlam Manufacturing Company
This product is manufactured in the U.S.A.

*Dupont registered trademarks. **Celanese registered trademark. ***General Electric Plastics registered trademark.
[^]Contact J.C. Whitlam Mfg. Co. for compatible blends.

COLOR/CONSISTENCY

Light blue brushable paste of smooth, grit free consistency. **BLUE MAGIC** has an indefinite shelf life.

TEMPERATURE RANGE USE

Gases:
-50°F (-46°C) to 400°F (204°C)

Liquids:
-50°F (-46°C) to 400°F (204°C)

Brushable to:
-50°F (-46°C)

PRESSURE RANGE USE

Gases:
up to 3,000 PSI (211 kg/cm²)

Liquids:
up to 6,000 PSI (422 kg/cm²)

DRYING TIME*

The system may be pressurized immediately after assembly. Soft set, non-hardening.

FOR USE ON THREADED

ABS, PVC, CPVC, Delrin*, Zytel*, Fiberglass, Nylon, Polypropylene, Polybutylene, Polyethylene, Celcon**, Cyclocac***, and all types of metal.

CORROSIVENESS

BLUE MAGIC is non-corrosive, and prevents the corrosion and seizing of threads.

U.S. FEDERAL SPECIFICATIONS

BLUE MAGIC exceeds TT-S-1732.

ENVIRONMENTAL STATEMENT

BLUE MAGIC is formulated with non-toxic inert oils and is free from any lead containing ingredients.

WEIGHT PER U.S. GALLON

11.9 lbs. (5.4 kg) ± 0.2

PACKAGING

U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
Squeeze Tube	
IG2	2 oz. (.056 kg)
Brush Top Can	
IG4	¼ pint (118 ml)
IG8	½ pint (237 ml)
IG8A (display box)	½ pint (237 ml)
IG16	1 pint (473 ml)
IG32	1 quart (.95 L)
1 Gallon Metal Can w/ Handle	
IG1	1 gal. (3.785 L)
5 Gallon Plastic Pail w/ Handle	
IG5	5 gal. (18.9 L)
55 Gallon Open Head Steel Drum	
IG55	55 gal. (208 L)

SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
IG2	11 lbs. (5.0 kg)	72
IG4	15 lbs. (6.8 kg)	24
IG8	24 lbs. (10.9 kg)	24
IG8A	13 lbs. (5.9 kg)	12
IG16	22 lbs. (10.0 kg)	12
IG32	42 lbs. (19.1 kg)	12
IG1	53 lbs. (24.0 kg)	4
IG5	65 lbs. (29.5 kg)	1
IG55	640 lbs. (290.3 kg)	1

DIRECTIONS FOR USE

1. Stir well before using.
2. Brush liberally onto male threads.
3. Make up joint in a normal manner.

On large diameter pipe 4" (10.2 cm) and up, first wrap the pipe threads with two or more thicknesses of **Tape-Unyte®** PTFE Tape, and then apply **BLUE MAGIC** over the tape.



Underwriters' Laboratories of Canada Listed for Natural Gas, Gasoline, Petroleum Oils, Propane & Butane



Meets NSF Standard 14 & NSF Standard 61

pw-G/dwv/sw



P.O. Box 380
Wadsworth, Ohio 44282
Phone: 330-334-2524
Fax: 330-334-3005
Email: info@jcwhitlam.com
Website: www.joinpipe.com

The information contained in this bulletin is correct to the best of our knowledge. The recommendations or suggestions herein are made without guarantee or representation as to result, since the conditions of use are beyond our control. We suggest that you evaluate the recommendations contained in this bulletin. No statement is to be construed as violating any copyright or patent. They are intended only as a source of information. *Note: Both set time and cure time are affected by humidity and temperature and may vary greatly ±.