

# MTP

## HIGH PERFORMANCE PTFE LUBRICANT

- Micron PTFE granules create a ball-bearing effect.
- Enlarges lubrication intervals.
- Resists heavy loads and is suitable for fine mechanisms.
- Long-lasting lubrication at both low and high temperatures.
- Powerful penetrating performance.
- Penetrates rust.
- Transparent.
- No dirt adhesion.
- Silicone free.
- Good corrosion protection.
- Water, salt water and weather resistant.
- Does not affect rubber, lacquer or synthetic material.



### Notice

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# MULTI TECH PTFE

## General Information

MULTI TECH PTFE is a high performance transparent dry film lubricant with micron PTFE granules. Thanks to its long-lasting lubrication performances and an extremely durable lubrication film, it enlarges lubrication intervals and eliminates wear on moving parts.

MULTI TECH PTFE is not sticky, will not attract dirt and is highly water-resistant because of its

powerful penetrating performance. It even penetrates rust, eases fixed parts which are difficult to access and does not affect synthetic materials, metals or rubbers. It grants a professional and outstanding lubrication at high and low temperatures. MULTI TECH PTFE prevents abrasion and is usable for heavy loads and fine mechanism as well.

## Technical Information

### MULTI TECH PTFE

Basis: mineral oil and PTFE (Polytetrafluorethylene)  
 Physical state: aerosol  
 Colour: light brown  
 Odour: characteristic  
 Yield: 1.34 g/sec  
 4 Ball EP-test (ASTM D 2596): 3430 N  
 4 Ball Wear-test (ASTM D 2266): < 0,4 mm  
 Temperature resistance: -50°C to +250°C  
 Auto-ignition temperature: > 200°C (Remark: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)  
 Upper/lower flammability or explosive limits: 0,6 - 10,9 Vol-% (Remark: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 109-66-0 Propane)  
 Vapour pressure (at 20°C): 3,500 hPa (Remark: 115-)  
 Density (at 20°C): 0,7 g/cm<sup>3</sup>  
 VOC content: Approximately 60% w/w  
 Chemical resistance: resists to salt, aggressive vapours, sea air and weather influences; resists to weak acids and caustic solutions  
 Shelf life: 10 years, keep dry, cool and frost-proof

### MULTI TECH PTFE NSF

Basis: pharmaceutical white oil, PTFE and additives  
 Appearance: aerosol  
 Odour: characteristic  
 Initial boiling point: -97°C  
 Flash point: -97°C  
 Auto-ignition temperature: ≥ 200°C  
 Upper/lower explosive limits: 0,7 - 10,9 Vol%  
 Vapour pressure (at 20°C): 3000 hPa  
 Density (at 20°C): 0,724 g/cm<sup>3</sup>  
 Temperature resistance: -15°C to max. 180°C  
 Application temperature: 15 - 25°C  
 Pressure (at 20°C): 4 bar  
 Shelf life: 12 months, keep dry and cool

### MULTI TECH PTFE LIQUID

Form: liquid  
 Odour: odourless  
 Colour: light amber  
 Flash point interval: 60°C < FP < 93°C  
 Density: 0,87  
 Viscosity: 14 mm<sup>2</sup>/s < ν < 20,5 mm<sup>2</sup>/s (40°C)  
 Operating temperature: -30°C - 230°C

## Application and Use

- **INDUSTRY:**  
 for the efficient, extended and energy-saving service of all moving parts, such as : conveyor belts and rails, electric pumps, cables, precision parts, punching and stamping machines, gear wheels, rotary geared pumps, scaffolding, sliding windows, plunger pumps, etc.
- **AUTOMOTIVE:**  
 cars, motorbikes, bicycles, agricultural mechanics, navigation, transport, ... : lubricating open chains, window and door mechanisms, conductors for open roofs, pneumatic hatches, conductors and hinges, etc.
- **MULTI TECH PTFE is appropriate for metal/metal as well as plastic/plastic lubrications or combinations of these.**
- **USE:**  
 Shake before use. Do not spray directly onto hot surfaces (< 90°C). Parts should be cleaned first with a solvent or alkaline cleaning agent. Spray MULTI TECH PTFE onto parts such as cables and chains and let it penetrate. Afterwards wipe off the excess of lubricant with a clean fabric.  
 NOTE: Do not use too much MULTI TECH PTFE as thin layer with a relubrication (if needed) achieves better results than a thick layer of lubricant.

Article nr	Name	Content	Shelf Life	Catalog
T315001	Multi Tech PTFE	500ml	see imprint + 36 months	LUBRICANTS
T315002	Multi Tech PTFE	1l	see imprint + 36 months	LUBRICANTS
T315101	Multi Tech PTFE NSF	500ml	see imprint + 36 months	LUBRICANTS

