



# STAG™ TDS Technical Data Sheet



## STAG Jointing Compound

Product Code: 32-582-0810  
Most Recent Revision Date: 01 December 2022

### Product Description

STAG Jointing Compound has been trusted for over 50 years to seal steel pipe joints. The characteristic red paste is easy-to-apply and forms a permanent seal on new and existing, threaded and flange joints. STAG Jointing Compound air-dries and is resistant to various chemicals, tolerates high operating temperatures and pressures.

### Applications

- Steel pipe joints – threaded and flanged
- Pipelines carrying water, steam, oil, petrol, diesel and gases
- Immersed switches, transformers and liquefied petroleum gas (LPG) connections
- Battery terminals to arrest corrosion
- Screwed and flanged metal joints on petrol and diesel engines
- Gearbox gaskets
- Sealant for steel plumbing fittings

### Benefits

- Effective high pressure sealant (70bar)
- Effective as a high temperature thread sealant (200°C)
- Remains flexible over time, sealing micro-movements in joints
- Resistant to oil, petrol, gas, water, steam, and dilute acids
- High electrical insulation properties

### Specification

Property	Unit	Value	Test Method/Standard
Appearance:		Red Oxide Paste	Visual
Specific Gravity:	g/cm <sup>3</sup>	1.50 – 1.70	S.G. Cup
Chemical resistance		Fresh Water, Steam, Salt Water, Compressed air, Gases, Mineral Oils, Vegetable Oils, Petrol, Diesel, Grease, Dilute Acids	
Temperature range:	°C	0 – 200	Thermometer
Pressure range	Bar	0 – 70	Pressure Gauge
Drying time	Hours	½ - 2in pipes 30 – 60 min 2in+ pipes 60 – 120 min	
Shelf life:	Months	24	



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## Packaging

Standard Pack Sizes: 500gr tub with applicator

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## Application Information

- Surface preparation:** New - remove all debris, dirt, rust and oils with Methylated Spirits and a clean cloth.  
Old - remove all debris, dirt, rust and oils with a wire brush. Perform final clean with Methylated Spirits and a clean cloth.
- Mixing:** Oils may rise to the upper surface if container left to stand for extended periods. Ensure container is tightly closed and shake for 30 – 60 seconds stir with applicator brush till paste is homogenous.
- Application Method:**
- Apply paste with applicator brush as supplied.
  - Apply paste to male threads only to prevent excess paste running into inside of pipe.
  - New surfaces require 2 coats (hemp not required)
  - Old surfaces require 3 coats (hemp can used if condition of thread is poor)
  - Wipe excess paste from joint with Methylated Spirits and a clean cloth.
- Application Temperatures:** 5 – 40°C
- Thinners:** Methylated Spirits
- Drying Time:** ½ - 2in pipes 30 – 60 min  
2in+ pipes 60 – 120 min
- Precautions:** Use in a well ventilated space.  
Flammable - keep away from all open sources of ignition and open flames.  
Keep out of reach of children!  
Ensure container is tightly closed after use to prevent spillage and evaporation.
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## Safety, Storage and Disposal

### Safety:

- Ensure good ventilation during application and drying.
- **Keep out of reach of children!**
- Harmful if swallowed. If ingested, get medical help immediately and refer to SDS.
- Avoid contact with skin and eyes.
- If contact with skin occurs, wash off immediately with soap and water. Should adverse reaction occur, seek medical advice.
- If in contact with eyes, rinse immediately and thoroughly with plenty of clean water. Get medical assistance.
- Refer to SDS for hazard warnings and information on safe handling / use / transport / storage / disposal / emergency.

### Storage:

- Unopened and correctly resealed containers must be kept out of direct sunlight and in dry conditions.
- **Store out of reach of children!**
- Unopened and correctly stored containers have a shelf life of 24 months.

### Disposal:

- Do not dispose in drains, sewers or waterways.
- Dispose of waste contents and empty containers in accordance with local laws.
- **Keep used / empty containers away from children!**

Please refer to the SDS for the most current 'Handling and Storage' information.

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