

TC API Modified

High Pressure Thread Compound for Casing, Tubing and Line Pipes

MOLYGRAPH® TC API Modified has been designed for high pressures and temperatures upto 177°C. The compound is formulated as per API RP 5A3. **TC API Modified** resists water washout and prevents galling of threads during make up. Does not oxidize, harden, dry out or evaporate. Has good brushability over a wide range of service temperature band.

Service Rating: (-) 18°C [0°F] to (+) 177°C [350°F].

Recommendation: For Lubrication, sealing and protection of Casing, Tubing & Line Pipes.
Compound conforms to and exceeds requirements of API RP 5A3.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	–	Smooth
Colour	Visual	–	Blackish Brown
NLGI Grade	–	–	#1
Worked penetration	ASTM D-217	0.1 mm	310 – 340
Dropping Point	ASTM D-2265	°C / °F	+ 180 / 356
Evaporation Loss (App.C*)	-	%	2 Max
Oil Separation (App.D*)	-	%	5 Max.
Brushability (App.E*)	-	°C / °F	(-)18/0
Solid Contents (as per API 5A3)	-	%	65 ± 2.5

*of API RP 5A3

Compound not recommended for rotary shouldered connections.

Do not use on Oxygen lines or in atmospheres that have high content of Oxygen.

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice
This supersedes our previously issued data sheets.

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