

NORSOK M-710 Ed. 3 Declaration

A leading independent Test House has assessed with Test Report C6406-2 that:

PTFE G415

is in compliance to the **NORSOK M-710 Ed. 3** -Sept. 2014 – “Qualification of non-metallic sealing materials and manufacturers - Polymers” -Sour Aging Test for both Volume swell and Tensile properties in following conditions:

Exposure conditions

Test temperature (°C)	Sampling intervals (days)
200	2*, 7, 14, 28, 42, 56
210	
220	

Fluid phase distribution

Volume (%)	Composition
30	10% H ₂ S 5% CO ₂ 85% CH ₄
10	Distilled water (conductivity < 5 µS)
60	70/20/10 vol% heptane/cyclohexane/toluene



Marco Nocera

Quality & Customer Care Mgr.

Castelli Calepio, 18th July 2025

Note

NORSOK M-710 is a standard for thermoplastics in environments simulating those found in oil & gas production. The standard is widely used by the Oil and Gas industry in screening and selection of polymeric materials for oilfield applications, including sour (hydrogen sulfide) service.

Exposures were performed in the NORSOK standard sour service test fluid: this contains a mixture of liquid hydrocarbons with methane, carbon dioxide and hydrogen sulfide in the gas phase. A range of temperatures up to 220°C were used. NORSOK M710 provides a standardised test method for comparing material performance in conditions simulating a sour oilfield environment.

It does not guarantee suitability for any particular service application. Users should take expert advice when choosing materials.



GUARNIFLON SPA
(Società Soggetta all'attività di direzione e coordinamento
ex art. 2497 bis C.C. da parte di Mazza Holding S.p.A.)

Sede Legale
Via Soave 7 - 20135 Milano (MI) ITALY
VAT N. IT01406020162 - C.F. 01406020162
REG. IMPRESE DI MI - REA 2726065
CAPITALE SOCIALE €10.000.000 INTERAMENTE VERSATO
Sede Operativa
Via T. Tasso n° 12 - 24060 Castelli Calepio (BG) ITALY
REG. IMPRESE DI BG - REA 203233

www.guarniflon.com - info@guarniflon.com
UE 2018/851 : <https://www.guarniflon.com/it/imbballaggi>

Phone +39.035.4494311

D-U-N-S® Number: 429385180

