



Industry

Our fluteck™ are subjected to specific and strict tests to ensure customers high quality PTFE products in the Chemical Industry.

PTFE materials are among the most convenient trade-off for chemical applications, thanks to the perfect synergy between quality, strength, mechanical properties, cleanliness and purity of the material. For this reason, through the certifications obtained for our PTFE, we are able to provide different solutions even for more demanding environments.

Therefore, quality solutions and materials guarantee a reduction in maintenance times. High quality PTFE is vital to avoid leaks of highly-polluted and corrosive liquids. By using PTFE we make possible to respect current legislation on environmental protection.

Certification Details

BAM sets and represents high standards for safety in technology and chemistry for the German market and it is also a benchmark for global markets. BAM tests the sealing material compatibility for use in flanged connections with liquid and gaseous oxygen, test method often comprehend:

- Test for ignition sensitivity to gaseous oxygen impacts
- Autogenous ignition temperature (ait) in high pressure oxygen
- Aging resistance test in high pressure oxygen
- Reactivity test with liquid oxygen on mechanical impact.

Certified Materials

- fluteck™ P 1000
- fluteck™ P 1500
- fluteck™ P 7201 GL
- fluteck™ P MICRO
- fluteck™ P BARITE
- fluteck™ K WHITE

fluteck™ P BARITE is suitable for use as a sealing material for gaseous oxygen service at the following use conditions:

MAXIMUM TEMPERATURE (°C)	MAXIMUM OXYGEN PRESSURE (BAR)
60	40
>60 up to 250	30

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