

Letter of Confirmation

Compound Configuration

Area of application: GYLON® style 3500 and GYLON® style 3501-E
GYLON EPIX® style 3500 and GYLON EPIX® style 3501-E, as well as
their variants, like oxygen cleaned styles, i.Ex. GYLON® style 3502.

Above mentioned GYLON® styles are PTFE styles with identically silica modification.

We hereby confirm that cut or formed components made for the purpose of seal, are to be regarded identically concerning their technically and mechanically data. Compressibility, recovery, sealability and tensile strength as well as temperature limits are identically.

Style 3500 and Style 3501-E do differ in following two items:

- 1) GYLON® style 3501-E (brick-red) is slightly darker colored with a slightly higher amount of coloring agent/pigment. GYLON® style 3500 (fawn) is not this dark colored due to less coloring agent/pigment. GYLON® style 3500 is most likely to be used in USA. Ordering the same silica modification PTFE in Europe, most likely will result in quotation of GYLON® style 3501-E to be used in Europe.
- 2) Both styles only slightly do differ regarding the following dielectric characteristics.

Material	R_o
Style 3500 (fawn)	$2,4 * 10^{12}$
Style 3501 / Style3501-E (brick-red)	$5,8 * 10^{11}$

Both Styles can be used in accordance to IEC/TS 60079-32 (Explosive atmospheres – Part 32-1:Electrostatic hazards, guidance) and in accordance to DIN EN 60093 (Prüfverfahren für Elektroisierstoffe - Spezifischer Durchgangswiderstand), and can be used without restrictions also in explosive areas like zone 0, 1 and 2 as zone 20, 21 and 22. Separate declaration is available for explosive atmospheres.

All technical data, in Example like tensile strength, compression, recovery or EN13555 data are identical.

All GYLON® styles shall be used in accordance to their technical and mechanical datasheets.

26th January 2022
Garlock GmbH Neuss, GERMANY,
Ralf Kulesa – Senior Application Engineer