

GTG Glastechnik Gräfenroda GmbH

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Time passes so quickly ... from Y2k to ms-Pure

It seems it was only yesterday that we worried about the consequences the „Millennium“ bug might have on the world. Luckily our worries were exaggerated. Whether more flights will be grounded by the volcanoes in Iceland and if this will change our life, we will be able to tell in 10 years.

Something that did change in the last 10 years though, is detection sensitivity in Chromatography. The instruments and the methods have become more precise, the sensitivity has increased. As a result impurities make the life of the chromatographer increasingly difficult. One answer that addresses this problem is certified vials which are pre-cleaned. We have not seen any comparisons yet between „pre-cleaned - certified“ and „fresh from the pack“. If you discuss with experts, the opinion is that the biggest share of impurity originates from the septum whereas the pre-cleaned vial shakes out the basic noise of the vial & cap combination between the individual vials.



We therefore recommend our non-pigmented ms-Pure septum, which stood its test on the Swiss market since its introduction two years ago. It is of excellent quality and cost-performance ratio. Many users also prefer our caps, because we pack them in practical PET jars, which makes cap handling easy and keeps them in a clean environment up to the last cap.

Find more details in the attached pdf. May you always have correct analysis results and hopefully a sunny summer

Glastechnik Gräfenroda GmbH

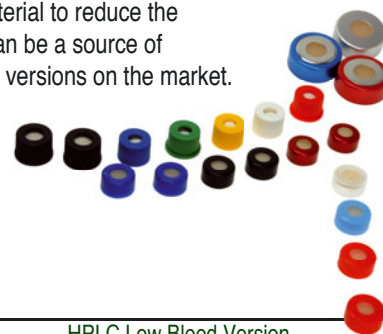
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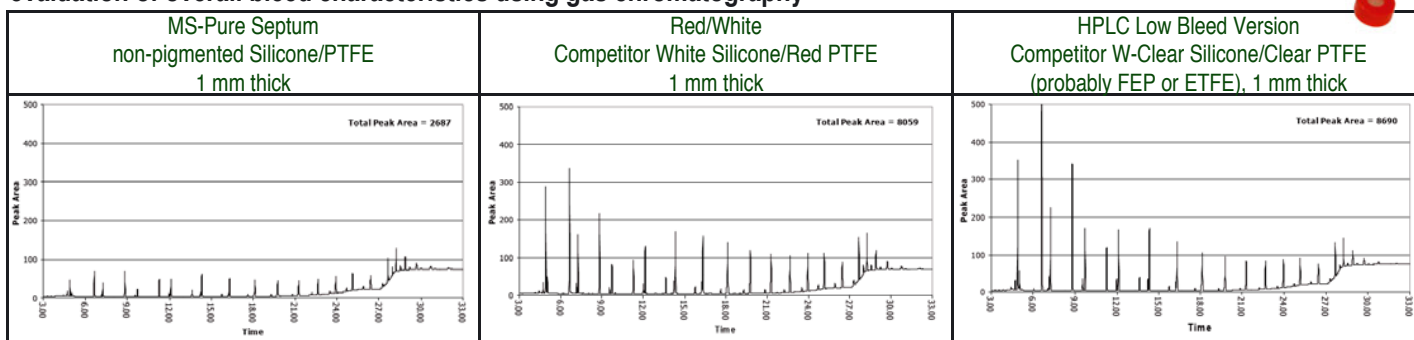
ms-Pure Septum: non-pigmented Silicone Septum

With the increasing sensitivity of GC's and HPLC's there is an increased need for low bleed septum material to reduce the potential for sample error and to improve overall reliability. Pigmentation in coloured septum material can be a source of contaminant and tests show that the MS-Pure Septum is over 60 % cleaner than the standard white/red versions on the market.

- highest quality non-pigmented silicone elastomer, low bleed
- excellent re-sealability, resists coring
- intended for multiple injections
- low compression set for storage reliability



evaluation of overall bleed characteristics using gas chromatography



*** June Special ***



Until the End of June 2010

the new ms-Pure Aluminium Crimp Caps G003-AC*-SKFK10 with 2 ml Standard Vials 8002-CV-H

at the Y2k combination price **EUR 16.50/100 pcs***

replace * with cap colour of your choice:

C = aluminium, G = green, R = red



$$2x \left(\text{Jar of Green Caps} + \text{Stack of Vials} \right) = \text{EUR 165.00}$$

Price for 1000 pcs.
Listprice 2010 = EUR 178.00



...and especially for Headspace analytics

with Aluminium Crimp Cap G007-ACR-SKFK30 at the „changeover“ price of **EUR 30.00/100 pcs.***

„magnetic“ Aluminium Crimp Cap G007-MAC*-SKFK30

at the „changeover“ price of **EUR 35.40/100 pcs.***

replace * with cap colour of your choice: B = blue, R = red

* minimum order quantity 1000 pcs.



$$2x \left(\text{Jar of Red Caps} + \text{Jar of Blue Caps} \right) = \text{EUR 300.00}$$

Price for 1000 pcs.
Listprice 2010 = EUR 334.00

$$2x \left(\text{Jar of Blue Caps} + \text{Jar of Red Caps} \right) = \text{EUR 354.00}$$

Price for 1000 pcs.
Listprice 2010 = EUR 400.00

Price valid at a minimum quantity of 1000 pcs., excl. VAT, excl. Postage and Packaging,
Offer valid until 30.06.2010 or as long as stock lasts, no further discounts applicable