

Theory and Key Principles Series

Gas Chromatography (GC)



Vizle



<https://vizle.offnote.co>

Contact us: vizle@offnote.co

This document was generated automatically by **Vizle**

Your **Personal Video Reader Assistant**

Learn from Videos **Faster** and **Smarter**

VIZLE PRO / BIZ

PDF, PPT Watermarks

- Convert *entire* videos
- *Customize* to retain all essential content
- Include Spoken *Transcripts*
- Customer support

Visit <https://vizle.offnote.co/pricing> to learn more

VIZLE FREE PLAN

PDF only Watermarks

- Convert videos *partially*
- Slides may be *skipped**
- Usage restrictions
- No Customer support

Visit <https://vizle.offnote.co> to try free

Login to Vizle to unlock more slides*

Split



With wool






Split/splitless



Splitless



Vizle

Graphite	Graphetised Vespel (GV)	Metal
<p>Soft material so ferrule can be easily removed</p>	<p>Mixture of soft graphite with harder vespel – ferrules can usually be removed</p>	<p>Makes a permanent seal to the column</p>
<p>Very malleable so makes a very easy seal & difficult to overtighten</p>	<p>Overtightening is possible but often needs to be extreme to cause issues</p>	<p>Overtightening results in column snapping, sometimes after a few heat cycles!</p>
<p>Sometimes requires re-tightening</p>	<p>Requires re-tightening after first few heat cycles</p>	<p>Once it's on, it's never coming off!</p>
<p>Air-permeable – not for MS</p> 	<p>Suitable for MS</p> 	<p>Suitable for MS</p> 

Identify the cause

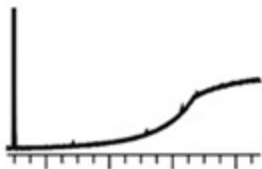
- Make sure the problem really exists – repeat the test
- Consider what has been changed
- Change **ONE** thing at a time!
- Throw away any old parts

Vizle



Baseline issues

Bleed



- poor conditioning
- aging column
- excessive temperature





<https://vizle.offnote.co>

Contact us: vizle@offnote.co

This document was generated automatically by **Vizle**

Your **Personal Video Reader Assistant**

Learn from Videos **Faster** and **Smarter**

VIZLE **PRO / BIZ**

PDF, PPT ~~Watermarks~~

- Convert *entire* videos
- *Customize* to retain all essential content
- Include Spoken *Transcripts*
- Customer support

Visit <https://vizle.offnote.co/pricing> to learn more

VIZLE **FREE PLAN**

PDF only ~~Watermarks~~

- Convert videos *partially*
- Slides may be *skipped**
- Usage restrictions
- No Customer support

Visit <https://vizle.offnote.co> to try free

Login to Vizle to unlock more slides*