

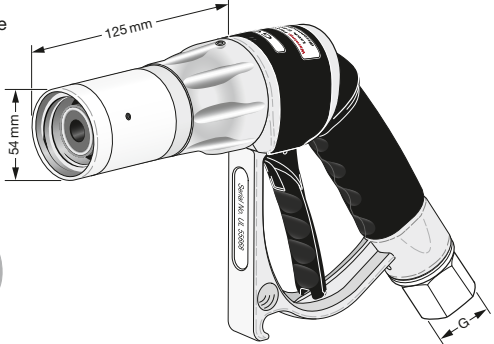
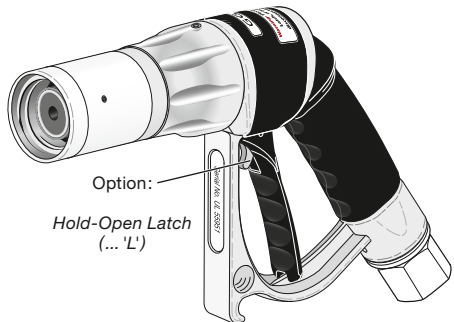
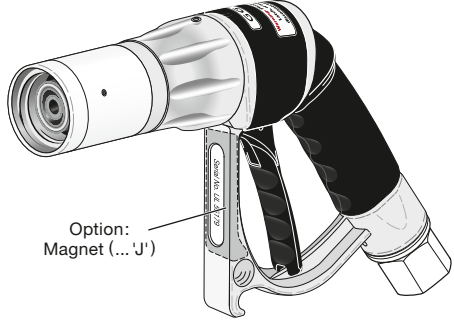

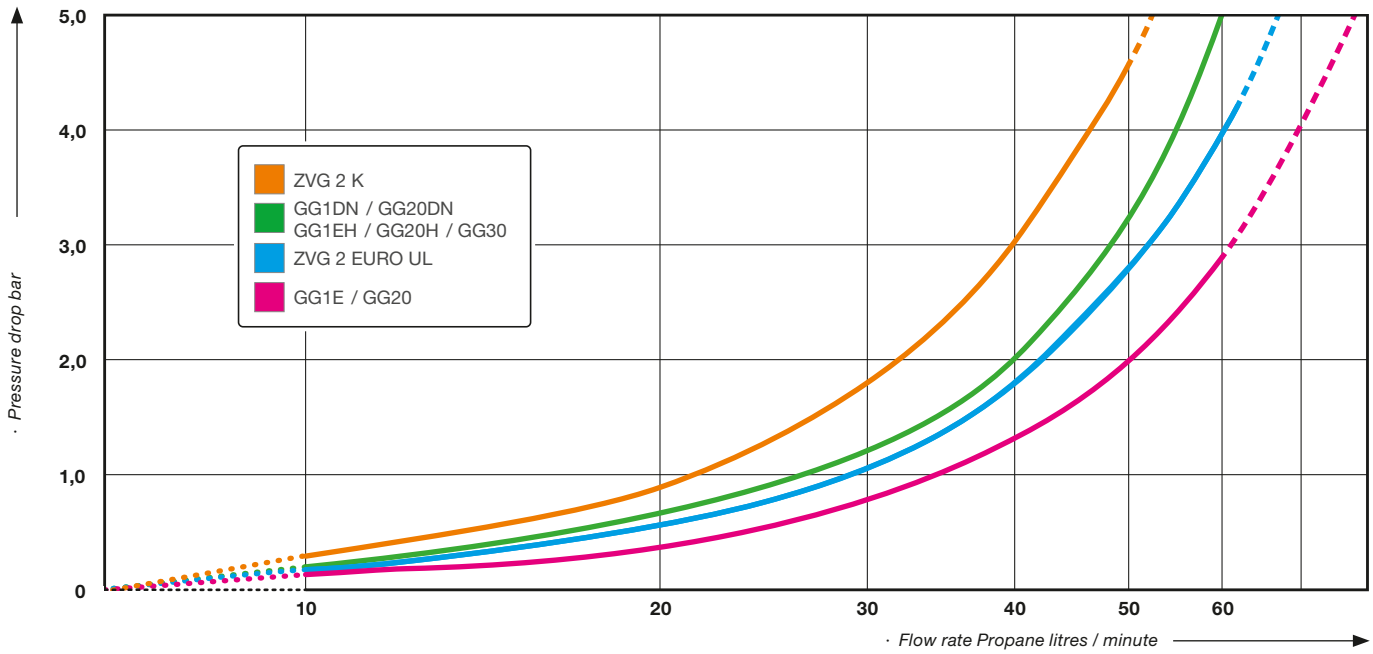


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5 Section	Construction Details Materials · Weight Specification	Hose Inlet Thread Type + Size G	Part Number Type												
	<div data-bbox="204 824 667 884" style="border: 1px solid black; padding: 2px;">  Underwriters Laboratory listed according to UL 125         </div> <p data-bbox="204 907 670 1070">LPGas nozzles with 1¼" ACME thread connection to AS/NZS 1596 / AS/NZS 1425 / EN 12806 for the filling of commercial and passenger Autogas vehicles as well as mobile and small stationary storage tanks with propane and butane. Flow rate up to 63 l/min, see overleaf. Max. working pressure 25 bar (362 psi), burst pressure &gt; 100 bar (&gt; 1450 psi). Temperature range -40° up to +110°C.</p> <p data-bbox="204 1079 670 1142"><b>Safety:</b> Cannot discharge LPGas to the atmosphere when not coupled and lever is actuated. Nozzle will safely seal even if fill point gasket is missing.</p> <p data-bbox="204 1151 670 1272">Nozzle body aluminium, comfigrip PVC, swivel stainless steel, coupling nut aluminium/stainless steel with ratchet safety system. Valve body zinc chromated steel. Inner parts: stainless steel, acetyl resin and PA, lever PA, hold-open latch aluminium. Seals: LT-NBR, LT-Viton®, PU. 300 µm/50 mesh strainer of POM fitted as standard. Weight: ≈ 1,8 kg (4 lbs)</p> <p data-bbox="204 1303 670 1366"><b>GG1E</b> economic type for industrial refuelling/attended refuelling. Release volume on valve closure: 1,9 cm<sup>3</sup>.</p> <p data-bbox="204 1375 670 1456"><b>GG1EH</b> used for industrial refuelling/attended refuelling. With hybrid nose piece – low lever force. Release volume on valve closure: 1,7 cm<sup>3</sup>.</p> <p data-bbox="204 1464 670 1568"><b>GG1DN</b> suited for use by the general public and untrained personnel (self service). Patented dual nose piece for added safety. Low lever actuation force. Gas release volume on valve closure: 1.7 cm<sup>3</sup>.</p>	<table border="1"> <tr> <td data-bbox="683 181 849 421">1/2" NPT IG 1/2" NPT female</td> <td data-bbox="849 181 979 421">GG1E.2</td> </tr> <tr> <td data-bbox="683 421 849 651">3/4" NPT IG 3/4" NPT female</td> <td data-bbox="849 421 979 651">GG1E.3</td> </tr> <tr> <td data-bbox="683 651 849 882">1/2" NPT IG 1/2" NPT female</td> <td data-bbox="849 651 979 882">GG1EH.2</td> </tr> <tr> <td data-bbox="683 882 849 1113">3/4" NPT IG 3/4" NPT female</td> <td data-bbox="849 882 979 1113">GG1EH.3</td> </tr> <tr> <td data-bbox="683 1113 849 1344">1/2" NPT IG 1/2" NPT female</td> <td data-bbox="849 1113 979 1344">GG1DN.2</td> </tr> <tr> <td data-bbox="683 1344 849 1585">3/4" NPT IG 3/4" NPT female</td> <td data-bbox="849 1344 979 1585">GG1DN.3</td> </tr> </table>	1/2" NPT IG 1/2" NPT female	GG1E.2	3/4" NPT IG 3/4" NPT female	GG1E.3	1/2" NPT IG 1/2" NPT female	GG1EH.2	3/4" NPT IG 3/4" NPT female	GG1EH.3	1/2" NPT IG 1/2" NPT female	GG1DN.2	3/4" NPT IG 3/4" NPT female	GG1DN.3	<div data-bbox="1002 235 1085 264"><b>GG1E</b></div> <div data-bbox="1002 273 1098 313">Single Nose Piece</div> <div data-bbox="1093 280 1588 622">  </div> <div data-bbox="1002 705 1101 734"><b>GG1EH</b></div> <div data-bbox="1002 743 1098 784">Hybrid Nose Piece</div> <div data-bbox="1117 750 1572 1070">  <p data-bbox="1165 918 1308 996">Option: Hold-Open Latch (... 'L')</p> </div> <div data-bbox="1002 1176 1101 1205"><b>GG1DN</b></div> <div data-bbox="1002 1214 1098 1254">Dual Nose Piece</div> <div data-bbox="1117 1209 1572 1529">  <p data-bbox="1165 1422 1276 1467">Option: Magnet (... 'J')</p> </div>
1/2" NPT IG 1/2" NPT female	GG1E.2														
3/4" NPT IG 3/4" NPT female	GG1E.3														
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1/2" NPT IG 1/2" NPT female	GG1DN.2														
3/4" NPT IG 3/4" NPT female	GG1DN.3														
<b>· GG1 Options / Additional Part Numbers</b>															
	With <b>Magnet</b> incorporated in the nozzle guard	... J	For contactless activation of dispensers with reed switch technology												
	With <b>Hold-Open Latch</b>	... L	To assist the customer in holding the lever during the refuelling process												
	With <b>Splashguard</b> of soft PVC, orange	... G	Protects the customer's hands against any gas release after nozzle valve has shut down												
	With special type <b>hard anodised alloy connector with brass (non-guided) ACME insert</b>	... B	ACME thread insert of brass												
2016 Revision 11.2022	 <p data-bbox="422 2161 742 2195">Handling the Pressure</p>		GasGuard GG1 Nozzles												

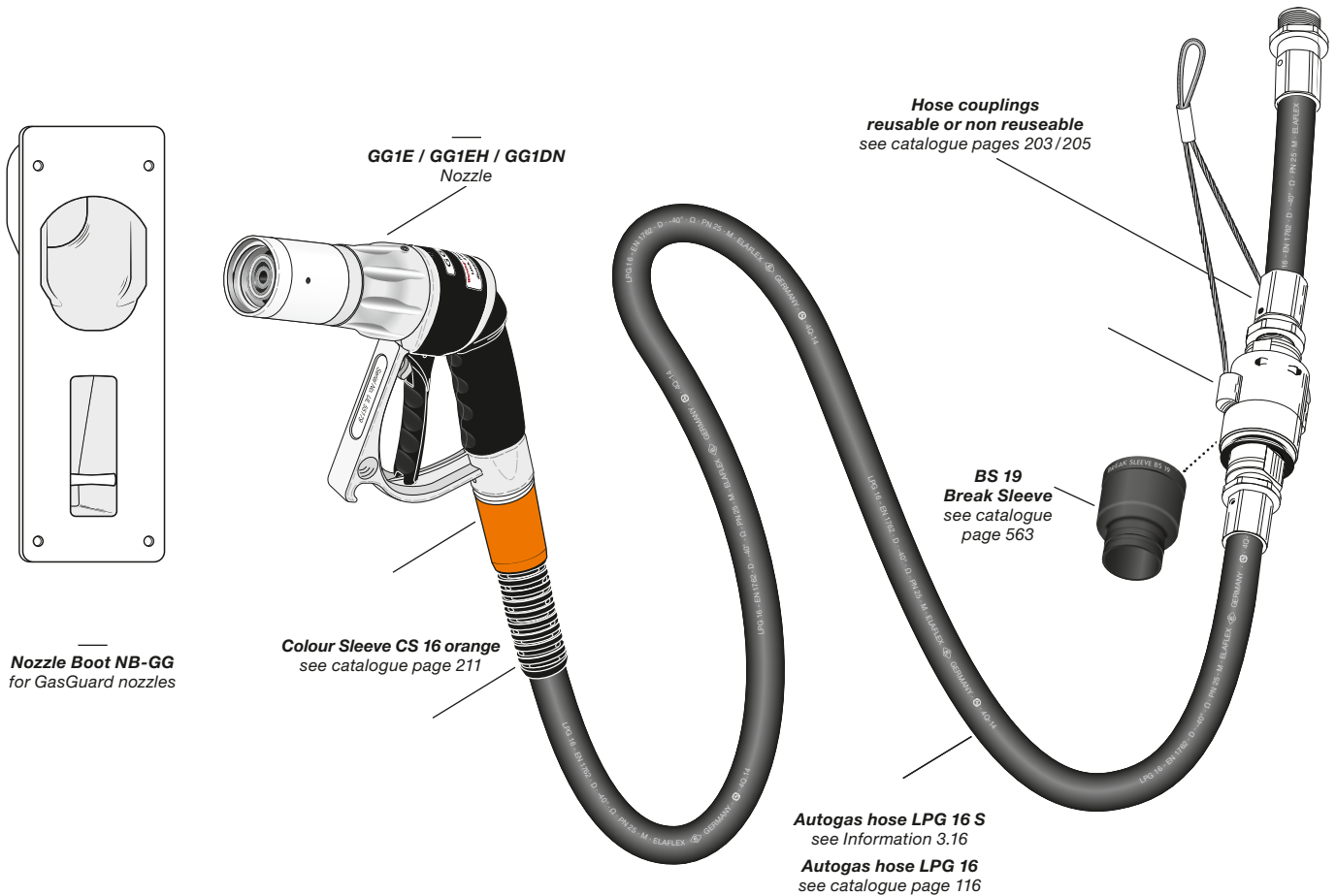
**Pressure Drop Chart**  
for GasGuard LPG nozzles





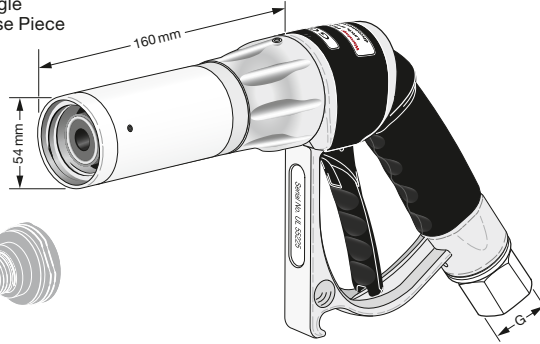
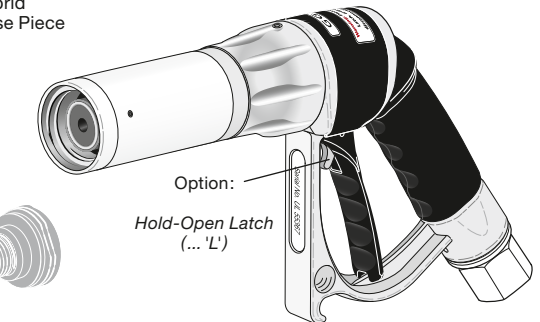
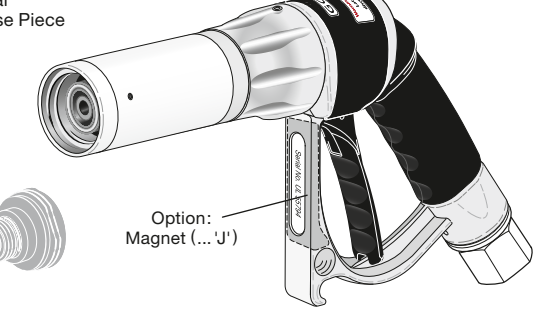

These values were obtained through regulated government laboratory testing at the National Measurement Institute in Sydney, Australia.

Common adapters without check valve were used. There is a wide variety of connections/adapters for vehicles used in market. This can lead to different values.

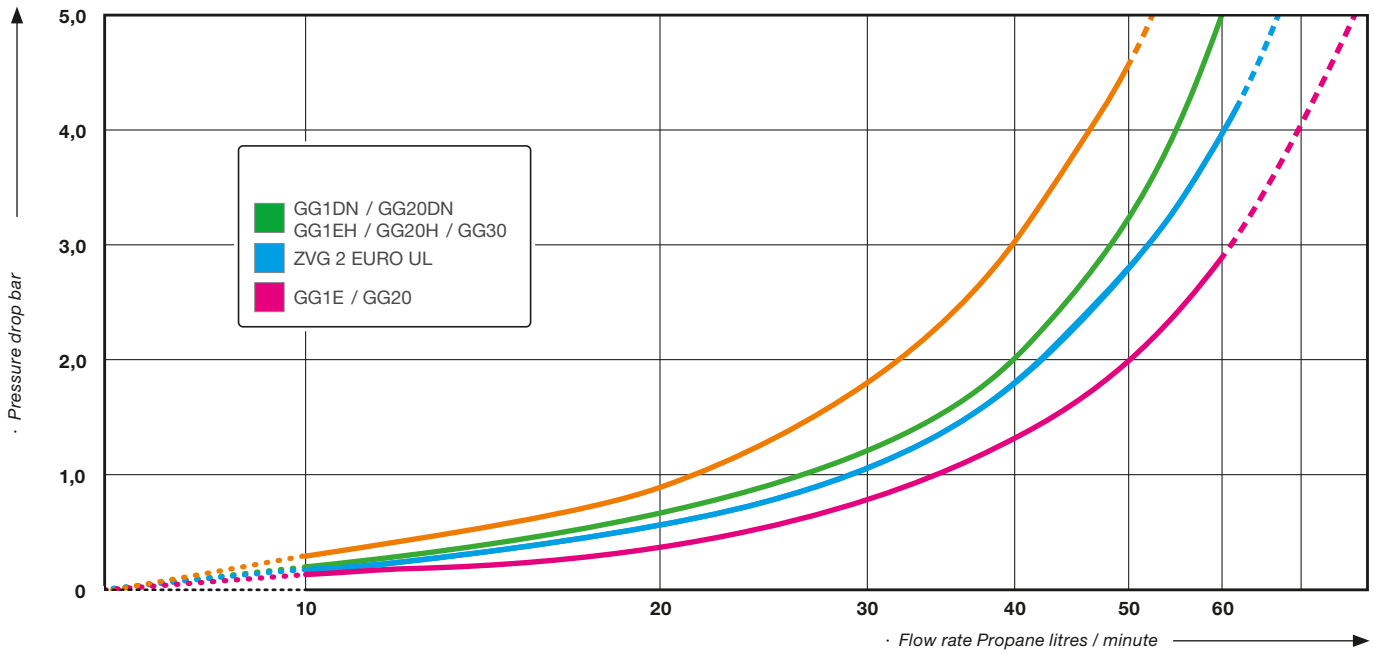
**GG1 & Accessories for LPGas Dispensers**



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5 Section	Construction Details Materials · Weight Specification	Hose Inlet Thread Type + Size G	Part Number Type													
	<div data-bbox="204 840 667 896" style="border: 1px solid black; padding: 2px;">  Underwriters Laboratory listed according to UL 125         </div> <p>LPGas nozzles with 1¼" ACME thread connection to AS/NZS 1596 / AS/NZS 1425 / EN 12806 for the filling of commercial and passenger Autogas vehicles as well as mobile and small stationary storage tanks with propane and butane. <b>With long connector nut to access 'hard to reach' fill points.</b></p> <p>Flow rate up to 63 l / min., see overleaf. Max. working pressure 25 bar (362 psi), burst pressure &gt;100 bar (&gt;1450 psi). Temperature range -40° up to +110°C.</p> <p><b>Safety:</b> Cannot discharge LPGas to the atmosphere when not coupled and lever is actuated. Nozzle will safely seal even if fill point gasket is missing.</p> <p>Nozzle body aluminium, comfigrip PVC, swivel stainless steel, coupling nut aluminium/stainless steel with ratchet safety system. Valve body zinc chromated steel. Inner parts: stainless steel, acetyl resin and PA, lever PA. Optional hold-open latch aluminium. Seals: LT-NBR, LT-Viton®, PU. 300 µm / 50 mesh strainer of POM fitted as standard. Weight: ≈ 2.0 kg (4.4 lbs)</p> <p><b>GG20</b> economic type for industrial refuelling of deep seated filler valves. Release volume on valve closure: 1,9 cm³.</p> <p><b>GG20H</b> used for industrial refuelling of deep seated filler valves. With hybrid nose piece – low lever force. Release volume on valve closure: 1,7 cm³.</p> <p><b>GG20DN</b> suited for use by the general public and untrained personnel (self service). Patented dual nose piece for added safety. Low lever actuation force. Gas release volume on valve closure: 1,7 cm³.</p>	<table border="1"> <tr> <td>1/2" NPT IG 1/2" NPT female</td> <td>GG20.2</td> </tr> <tr> <td>3/4" NPT IG 3/4" NPT female</td> <td>GG20.3</td> </tr> <tr> <td>1/2" NPT IG 1/2" NPT female</td> <td>GG20H.2</td> </tr> <tr> <td>3/4" NPT IG 3/4" NPT female</td> <td>GG20H.3</td> </tr> <tr> <td>1/2" NPT IG 1/2" NPT female</td> <td>GG20DN.2</td> </tr> <tr> <td>3/4" NPT IG 3/4" NPT female</td> <td>GG20DN.3</td> </tr> </table>	1/2" NPT IG 1/2" NPT female	GG20.2	3/4" NPT IG 3/4" NPT female	GG20.3	1/2" NPT IG 1/2" NPT female	GG20H.2	3/4" NPT IG 3/4" NPT female	GG20H.3	1/2" NPT IG 1/2" NPT female	GG20DN.2	3/4" NPT IG 3/4" NPT female	GG20DN.3		<div data-bbox="1002 235 1576 622"> <p><b>GG20</b> Single Nose Piece</p>  </div> <div data-bbox="1002 705 1576 1070"> <p><b>GG20H</b> Hybrid Nose Piece</p>  <p>Option: Hold-Open Latch (... 'L')</p> </div> <div data-bbox="1002 1176 1576 1541"> <p><b>GG20DN</b> Dual Nose Piece</p>  <p>Option: Magnet (... 'J')</p> </div>
1/2" NPT IG 1/2" NPT female	GG20.2															
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3/4" NPT IG 3/4" NPT female	GG20DN.3															
<b>· GG20 Options / Additional Part Numbers</b>																
	<p>With <b>Magnet</b> incorporated in the nozzle guard</p>	... J	<p>For contactless activation of dispensers with reed switch technology</p>													
	<p>With <b>Hold-Open Latch</b></p>	... L	<p>To assist the customer in holding the lever during the refuelling process</p>													
	<p>With <b>Splashguard</b> of soft PVC, orange</p>	... G	<p>Protects the customer's hands against any gas release after nozzle valve has shut down</p>													
	<p>With special type <b>hard anodised alloy connector with brass (non-guided) ACME insert</b></p>	... B	<p>ACME thread insert of brass</p>													
<p>2016 Revision 11.2022</p>	 <p><b>GasGuard</b> Handling the Pressure</p>		<p>GasGuard GG20 Nozzles</p> <p>569</p>													

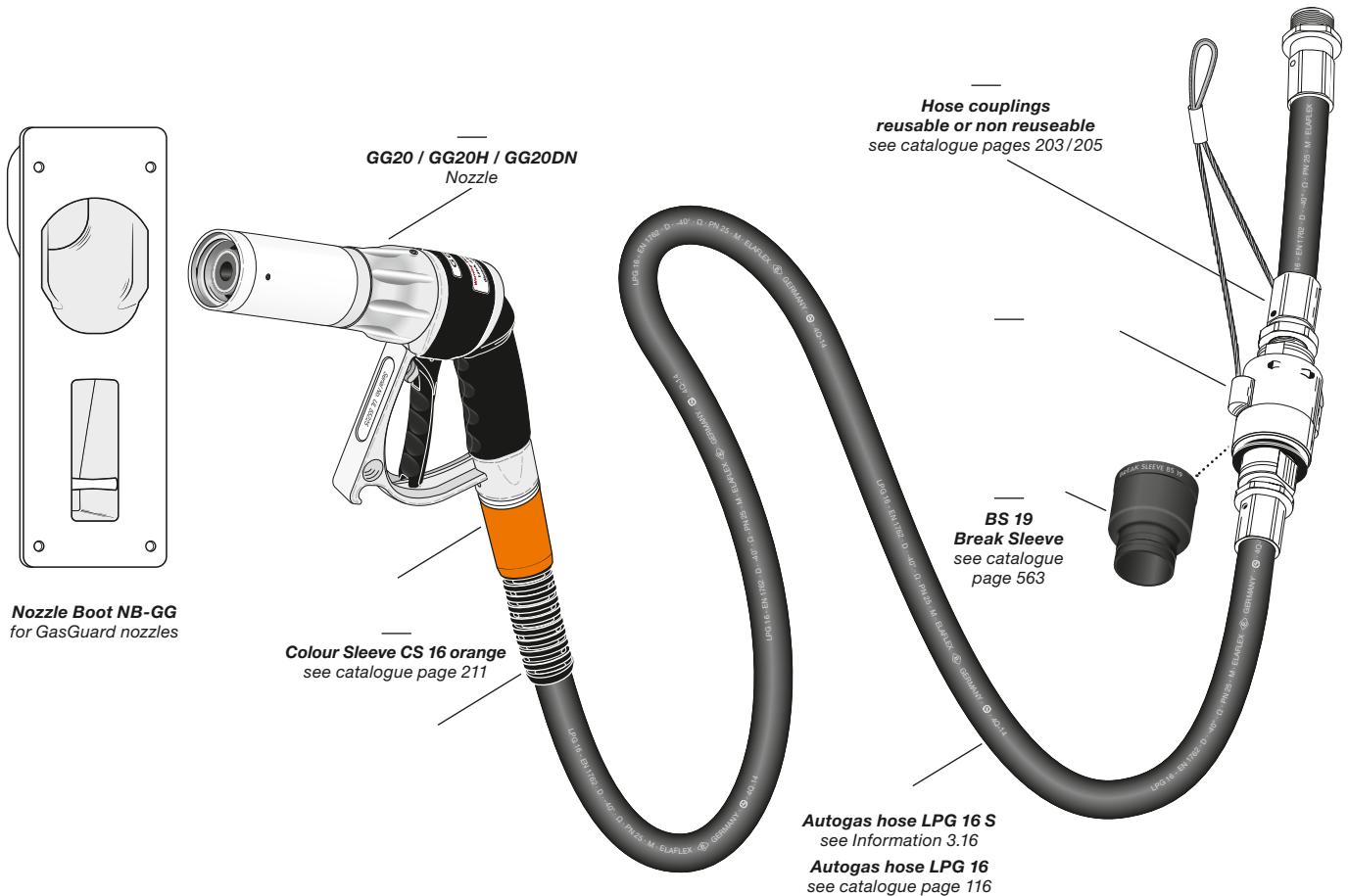
**Pressure Drop Chart**  
for GasGuard LPG nozzles



These values were obtained through regulated government laboratory testing at the National Measurement Institute in Sydney, Australia.

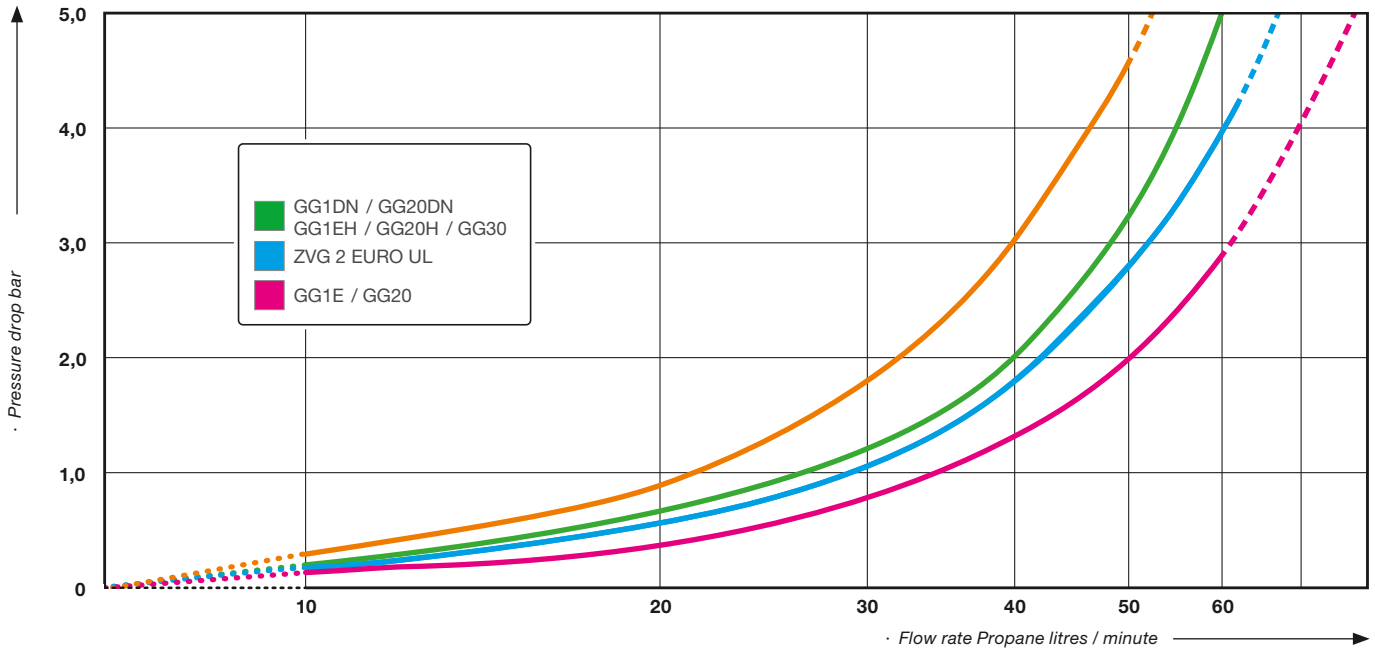
Common adapters without check valve were used. There is a wide variety of connections/adapters for vehicles used in market. This can lead to different values.

**• GG20 & Accessories for LPGas Dispensers**





**Pressure Drop Chart**  
for GasGuard LPG nozzles



These values were obtained through regulated government laboratory testing at the National Measurement Institute in Sydney, Australia.

Common adapters without check valve were used. There is a wide variety of connections/adapters for vehicles used in market. This can lead to different values.

**• GG30 & Accessories for LPGas Dispensers**

