
Bulletin	UK	Export	Issued
1407	YES	YES	01/05/2019

New – Insert Bore Collapse Gauges (Go No Go Gauges)

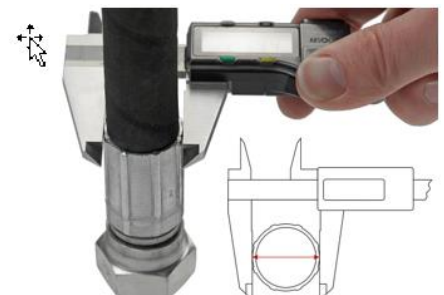
Vapormatic has added seven insert bore collapse gauges to its hydraulic hose and fittings portfolio. These gauges enable those making hydraulic hose assemblies to easily check the crucial insert bore collapse after swaging to the specified swage diameter.



The performance of a hose assembly in terms of its resistance to blow-off and leakage is determined by the level of hose wall compression achieved during the swaging process. Insert bore collapse is used as a method of checking the correct compression level and sealing force.

How to use insert bore collapse gauges:

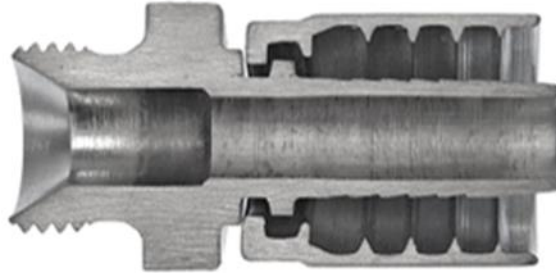
1. Swage hose and fitting to specified outer swage diameter.
2. Insert the 'NC' (No Go) end of the mandrel into the insert bore. The gauges should stop half way down the tail section. This indicates minimum bore collapse has been achieved.
3. Insert the 'C' (Go) end of the mandrel into the insert bore. The gauge should fit all the way down the tail section. This indicates maximum bore collapse has been achieved.
4. If a hose assembly is fitted with 45°/90° elbow or internally stepped down insert then a sample hose should be made. The elbow or insert should be cut off close to the ferrule and the bore collapse checked from the hose end of the insert.



New Product Update & Parts Information

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Insert bore collapse dimensions			
Vapormatic Part Number	Hose Bore	Insert Collapse (mm)	
		Minimum	Maximum
VFM4007	1/4" - 6mm	0.25	0.4
VFM4008	5/16" - 8mm	0.25	0.5
VFM4009	3/8" - 10mm	0.25	0.5
VFM4012	1/2" - 12mm	0.25	0.5
VFM4013	5/8" - 16mm	0.25	0.5
VFM4015	3/4" - 19mm	0.25	0.6
VFM4014	1" - 25mm	0.25	0.7



Please see Vapormatic Hydraulic Hose and Fittings Catalogue PEA0016 for supporting information. Add Group shot image of product.

All Vapormatic quality replacement parts carry an industry leading **12 month parts and labour warranty**. For further information on specific items please visit www.vapormatic.com





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