



In-Line Tank Vent Valves

NEWTON
EQUIPMENT LTD
SPECIALIST AUTOMOTIVE COMPONENTS

TPV Series

Part No. TPV 6	Dimensions	Dimensions	Part No. TPV 8
	D: 31.0 mm	D: 31.0 mm	
	H: 88.6 mm	H: 79.0 mm	
	Thread: 9/16 x 18 UNF (JIC 6)	Standpipe: 8.0 mm	
	Weight: 76.0 gr.	Weight: 10.5 gr.	
	Material: 6082 Aluminium Alloy	Material: 6082 Aluminium Alloy	
	Finish: Anodised Red	Finish: Anodised Red	
	Negative Pressure limit:	Negative Pressure limit:	
	0.08 psi / 0.0055 bar	0.08 psi / 0.0055 bar	
	Positive Pressure limit:	Positive Pressure limit:	
	0.725 psi / 0.05 bar	0.725 psi / 0.05 bar	

Application

The TPV series is suitable for general automotive use, for example on fuel injected vehicles. The vent prevents the escape of hydrocarbons into the atmosphere and ensures that vapours are vented when pressure builds up in the tank.

Installation

These valves are installed in-line connected to the fuel tank by a suitable hose. They can be mounted at any angle. We recommend that the valve is connected to the outside of the vehicle so that any vapour that is expelled from the tank due to overpressure is allowed to escape from the vehicle.

Workings

Responding to concerns about the escape of hydrocarbons into the atmosphere we have developed a new generation of vent valves that use carefully calibrated springs to control a two way valve. The benefits are that the valve is shut when the engine is switched off so there is no trace of fuel smells in the garage. The valve will open to allow air into the tank to replace the volume of fuel that has been consumed. The valve will also open should any excessive pressure build up in the tank. This function safeguards the fuel system.

In accordance with our policy of continuous improvement we reserve the right to change our products without prior notice.
Please contact our Technical Office for notice of any product updates. Rev. 00.12.22

Fluid Containment - When It Matters

Tel: +44 (0)20 8594 7990 / Fax: +44 (0)20 8594 7989 / www.newton-equipment.com / info@newton-equipment.com

Registered in England. Ajax Works, Hertford Road, Barking, Essex, IG11 8DY, UK

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