

Handle Options

The Galvin Specialised Dry Services range is supplied standard with a unique style of handles that provide precise feel and finger tip control.

Finishes

Galvin Specialised Dry Services range is finished in white epoxy powder-coat with the nominated service colour identification handles. These durable finishes provide maximum resistance against corrosion, discolouration and other surface damage. The colour coding meets the International DIN EN 13792 certification standards. Specific colouring of the complete unit is optional (must be nominated when ordering) and chrome plating is also available as an optional finish.

Colour Coded Handles and Indicators

Colour coding for handles and indicators as per DIN EN 13792 recommendations.

Colour Coded Identification Chart

Colour coding is designed to identify the varying types of media on handles, buttons and outlets. In order to comply with international conventions Galvin Specialised follow DIN EN 13792 recommendations. Please specify the media type when ordering. This is required to ensure the correct colour identification and lubricant is selected.

Valving - Needle Valve

Needle valves are widely used to accurately regulate the flow of liquids and gases at low rates. The fine threading of the spindle and the needle design allow precise resistance to flow. Needle valves are also used in situations where the flow must be gradually brought to a halt and at other points where precise adjustments of flow are necessary or a small flow rate is desired. They can be used as both on/off valves and for throttling services. Our Needle valves are designed with a PTFE needle (more commonly known as Teflon) and a brass seat. Needle valves are used in almost every industry in an incredibly wide range of applications - air, gas, oil water or other non-viscous liquids is required. However, needle valves should be avoided in applications where the media is viscous, or in the dispensation of slurries. The small flow orifice can easily trap thick materials or solids and become blocked.

Lubricants and O'rings

The lubricant and o'rings used in our gas and dry servicing tapware meet the following primary requirements:

- Resistant to ambient media e.g. flammable gases/fluids.
- Sealing and securing.
- Neutrality towards materials i.e. metals and elastomers.
- Should not contaminate the relevant media.

Medium, Grease and O'ring Chart

Medium	O'Ring	Grease
Argon	Viton	CHEMOURS Krytox NRT8900
Acetylene	Viton	CHEMOURS Krytox NRT8900
Carbogen	Viton	CHEMOURS Krytox NRT8900
Carbon Dioxide	Viton	CHEMOURS Krytox NRT8900
Compressed Air	Nitrile/ Neoprene	CHEMOURS Krytox NRT8900
Ethylene/Ethene	Viton	CHEMOURS Krytox NRT8900
Helium	Ethylene- Propylene	CHEMOURS Krytox NRT8900
Hydrogen	Ethylene- Propylene	CHEMOURS Krytox NRT8900
Methane	Viton	CHEMOURS Krytox NRT8900
Nitrogen	Viton	CHEMOURS Krytox NRT8900
Nitrous Oxide	Viton	CHEMOURS Krytox NRT8900
Oxygen	Viton	CHEMOURS Krytox NRT8900
Propane	Viton	CHEMOURS Krytox NRT8900
Propylene/Propene	Viton	CHEMOURS Krytox NRT8900
Town Gas	Nitrile	Staburags N32
Vacuum - Fine	Viton	CHEMOURS Krytox NRT8900
Vacuum - Low	Viton	CHEMOURS Krytox NRT8900
Potable Water - Hot	Nitrile/ Neoprene	DOW CORNING Molykotye 111
Potable Water - Cold	Nitrile/ Neoprene	DOW CORNING Molykotye 111

Warning: for Oxygen and mixed gas related media

Valves for Oxygen, Carbogen and Nitrous Oxide must be ordered specifically to ensure that lubricants and o'rings are compatible with the service being controlled. It is extremely dangerous to interchange handles and headwork's.



A family
owned
Australian
business



galvinspecialised
commercial taps + fixtures

DIN RECOMMENDATIONS							
TYPES OF WATER							
Applications	Potable Water (Hot)	Potable Water (Cold)	Non-Potable Water (Hot)	Non-Potable Water (Cold)	Deionised Water (Hot)	Deionised Water (Cold)	Distilled Water
Abbreviation	WPH	WPC	WNH	WNC	WDH	WDC	WDI
Handle							

DIN RECOMMENDATIONS											
FLAMMABLE GASEOUS HYDROCARBONS										OTHER COMBUSTIBLE GASES	
Applications	Natural Gas	Propane/Butane (Liquefied Gasses)		Methane	Propane	Butane	Ethene	Propene	Butene	Acetylene	Hydrogen
Abbreviation	G	LPG		CH ₄	C ₃ H ₈	C ₄ H ₁₀	C ₂ H ₄	C ₃ H ₆	C ₄ H ₈	C ₂ H ₂	H ₂
Handle											

DIN RECOMMENDATIONS							
NON FLAMMABLE GASES, INCLUDING COMBUSTION ENHANCING GASES							
Applications	Nitrogen	Oxygen	Carbon Dioxide	Compressed Air	Carbogen (CO ₂ +O ₂)	Argon	Helium
Abbreviation	N ₂	O ₂	CO ₂	CA	CB	Ar	He
Handle							

TOXIC GASES	
Applications	Carbon Monoxide
Abbreviation	CO
Handle	

	VACUUM		MISCELLANEOUS		
Applications	LOW VACUUM	FINE VACUUM	PROPANOL	METHANOL	ACETONE
Abbreviation	V	VF	C ₃ H ₈ O	CH ₄ O	C ₃ H ₆ O
Handle					

410 Victoria Rd, Malaga, WA 6090
 Within Australia: **1300 514 074** Outside Australia: P: +61 (0)8 9249 5900
 F: +61 (0)8 9249 5916
 sales@galvinengineering.com.au
 www.galvinengineering.com.au

ABN: 78 008 719 382

PERTH | SYDNEY | MELBOURNE | BRISBANE | ADELAIDE

