



GVW Product Manual, Approved Products Supplement

22 May 2026

Title	GVW Product Manual, Approved Products Supplement
System	Product Manual
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Approved By	Stuart Nield
Next Major Review date	22 May 2031
Risk Priority/Major Review Frequency	Low (5Y)

Note: With each edit to this document, the following must be completed. Also if a document is being reviewed and there are no changes, it should be noted that the review was undertaken and the next review date updated.

Details of Review/Changes

Date	Description	Modified By	Approved By
Apr 2007	Original draft issue	S Nash	N.A.
Oct 2009	SewerMax included	S Nash	N.A.
Mar 2010	Alternate Product Options Included	S. Nash	
Oct 2011	Hyperlinks updated No. 5 Mains Tapping Supply Updated	P. Powell	
Feb 2012	Sewer rising main air valves	S.Nash	
Nov 2018	Reviewed and Updated	A.Glasson	M Welk
June 2019	Merged Pressure and non pressure pipeline supplements into one, changed reference to new GVW approved products on the MRWA products portal	A.Glasson	M. Welk
July 2020	Minor update – update gravity sewerage code version, removed rubber ring joint section, removed non acceptance of MC and MS	A.Glasson	M. Welk
Apr 2022	Full review	A.Glasson	M. Welk
Oct 2023	Minor update – update MRWA products page address	A.Glasson	G.Barry
May 2026	Minor update - added limitation 11, repair clamp approval for PE pipe	A.Glasson	S.Nield

PREAMBLE

This supplement describes the Corporation's requirements for products to be used in GVW's service area. This includes pressure and non pressure pipeline systems, sewerage pump stations, treatment facilities and new assets.

GVW has two systems used for approved products;

1. Preferred Equipment List (PEL), an internal document available for GVW staff, consultants and contractors.
2. GVW approved products via the Melbourne Retail Water Agencies (MRWA) Product Portal. <https://www.mrwa.com.au/productSearch>

GVW will over time, migrate approved products from the PEL to the MRWA Products Portal to maintain one source of truth, in the meantime both must be checked for approved products for use at GVW. Note - The PEL does not contain products approved for reticulation use.

Goulburn Valley Water has formed an internal advisory team, (GVW Product Advisory Team) to oversee the management of the Product Manual and to facilitate any future upgrades, entries and additions as necessary.

INNOVATION

The Water and Gravity Sewerage Codes and this supporting documentation essentially provides "deemed-to comply" products for the creation of Corporation's pressure and non pressure pipeline systems.

Alternative products will continue to evolve and offer opportunities to improve the creation of these assets. The Corporation encourages employment of any innovation that offers enhanced productivity and serviceability.

Goulburn Valley Water input should be sought if an innovative opportunity is being considered.

ALTERNATIVE PRODUCTS

Manufacturers, suppliers, consultants and contractors are requested to complete the Supplier Request for Inclusion in Product manual Form to enable consideration by the GVW Product Advisory Team. The request is to be emailed to ProductManual@gvwater.vic.gov.au. Note – This team only meet 4 times a year.

Requests from GVW for further information and supporting documentation to support the request may eventuate during consideration.

Consultants and Contractors wishing to install alternate products on a project are requested to contact their respective GVW Project Manager in the first instance or alternatively use ProductManual@gvwater.vic.gov.au.

GOULBURN VALLEY WATER SUPPLEMENT ABBREVIATION

GVW	Goulburn Valley Region Water Corporation
MRWA	Melbourne Retail Water Agencies
PEL	Preferred Equipment List

SUPPLEMENT DETAILS

1. About this Catalogue

Other products not approved by GVW via the PEL, MRWA products portal and this supplement may be used in specific projects with the approval of GVW.

2. Intended Audience

This supplement is intended for GVW personnel, accredited consultant engineers and contractors engaged in the design, construction and maintenance of GVW's water and sewerage systems.

3. Related Reference Material

The information in the catalogue is also to be read in conjunction with:

- Water Supply Code of Australia, MRWA Edition, Version 2.0, WSA 03-2011-3.1 (Water Code);
- Gravity Sewerage Code of Australia, MRWA Edition, WSA 02-2014 (Sewerage Code);
- The GVW Land Development Framework, including;
- GVW Supplement to the Water Code; and
- GVW Supplement to the Sewerage Code.

LIMITATIONS

4. Mains Tapping for Water Supply

GVW requires all tapping bands to be stainless steel. The tapping band must be a Tapped Offtake Repair Clamp.

TPFNR ferrule with complete bonnet assembly is the only ferrule accepted for both dry and under pressure tapplings.

5. Stainless Steel Backing Ring

GVW requires all backing rings for water supply and sewerage applications for polyethylene pressure pipe fittings to be stainless steel only.

6. Pressure Sewer System

Refer to the [Pressure Sewer](#) section of the Land Development Manual on the GVW website which includes GVW requirements for pressure sewerage systems.

7. Vacuum Sewer System

GVW does not accept vacuum sewer systems without prior approval.

8. Ribbed or Profile Wall Pipe

GVW only permits the installation of ribbed or profile pipe for gravity sewer reticulation works in commercial/industrial applications.

This includes both PVC and PE materials and all ribbed pipe fittings and transition pieces.

SewerMax and SewerPro are permitted to be used as an alternative pipe material for Vitrified Clay or Earthenware sewer pipe in 225mm diameters and above for commercial and industrial applications.

GVW only permits smooth wall, internal and external, pipe materials, for gravity sewer reticulation construction for residential applications.

9. Maintenance Hole (MH) Accessories

All clamps, dynabolts and other fitting accessories within maintenance holes are all to be stainless steel.

10. Ductile Iron Pipeline System – Gravity Sewerage

It is preferred that ductile iron pipes are not used in sewerage applications.

Any ductile iron used in a gravity sewerage application must be Ductile Iron Epoxy Lined (DIEL).

11. PE pipe repair/debanding clamp approval

For repairs to HDPE pipe (such as holes or cracks), or for debanding applications, GVW approves the AVK 748/90-02 range of stainless steel repair clamps. The manufacturer's recommended torque settings must be followed. These repair clamps are not suitable for joining pipe.