

VIP-WECO®

NO-DIG PIPE REPAIR SEALS

THE ORIGINAL

- BESPOKE SEALING SOLUTIONS FOR CONCRETE, STEEL, CAST IRON, PLASTIC AND GRP PIPES
- DIAMETERS AVAILABLE FROM DN180 TO DN3500MM
- WITHSTANDS INTERNAL PRESSURE UP TO 20 BAR
- SUITABLE FOR INDUSTRIAL WATER, POTABLE WATER, WASTE WATER, FUEL & GAS

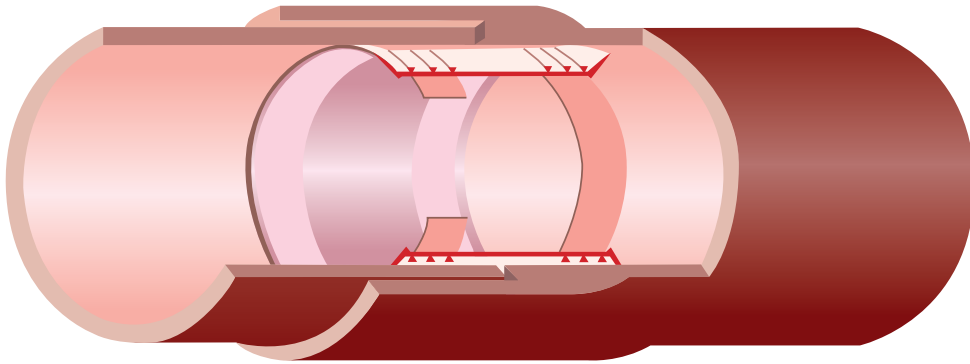


Internal Pipe Seals



VIP-WECO® - NO-DIG PIPE REPAIR SEALS

The Original



Since the 1960s **VIP-WECO®** - internal pipe seals have been used worldwide for trenchless rehabilitation of pipes and sewers for industrial water, drinking water, waste water, fuel and gas.

During the installation process, rubber sleeves made of EPDM or NBR compounds are applied over the damaged area of the inner wall of the pipe.

Following installation of clamping bands in the corresponding grooves of the sleeves, a safe, durable and low-cost mechanical sealing solution is achieved.

For special applications, we develop customised sealing solutions on request.

EDINBURGH BIRMINGHAM BELFAST
NEW YORK WASHINGTON BOS
LEEDS LONDON
GLASGOW BRUSSELS
NEWCASTLE ABERDEEN MADRID SYDNEY
CORK CARDIFF



MANCHESTER LIVERPOOL BRISTOL SAO PAULO
TON SEVILLE SINGAPORE HONG KONG TOKYO
VIENNA GENEVA PARIS OSAKA NOTTINGHAM
UBLIN BELGRADE LEICESTER



ADVANTAGES

of the **VIP-WECO**® - system

- Reduced supply interruptions due to quick installation.
- Significant reductions in excavations because depending on the pipe diameter, pipe access is only required every 150-400m.
- The **VIP-WECO**® - system can be used with almost all pipe materials (concrete, steel, cast iron, PVC, Fibreglass, etc.)
- Pipe junctions, pipe feeders, recesses, etc. can also be isolated or sealed with the help of the **VIP-WECO**® - system.
- For sealing of longitudinal cracks **VIP-WECO**® - hoses can be installed and also be mounted to each other endlessly to create a pipe within a pipe.
- In addition to round profiles, other noncircular profiles (egg, ellipse or oval profiles) can be sealed with **VIP-WECO**® - internal seals.
- Upon request each **VIP-WECO**® - internal pipe seal can be leak tested after assembly with the help of a special valve.
- The permanent elasticity and flexibility of the sleeves secures permanent seal of the pipe joints even in case of shifts of the pipe axis after rehabilitation.
- **VIP-WECO**® - internal pipe seals are used successfully even in non-accessible pipe diameters, for example as „Liner-End-Seals“ for sealing the ends of pipes which have been previously rehabilitated with internal liners.



Your partner for **VIP-WECO**® - internal pipe seals with international experience and all around service. Please contact us for more information on the various options of rehabilitation with our **VIP-WECO**® - system.

VIP-WECO[®] INTERNAL PIPE SEALS

TECHNICAL SPECIFICATION

Rubber quality	EPDM for drinking water EPDM for industrial water, waste water (EPDM - ethylene-propylene-diene rubber) NBR for gas, oil, Kerosene, etc. (NBR - acrylonitrile-butadiene rubber)		
Shore hardness	70 +/- 5		
Diameter ranges	- non-walkable :	DN 185 to	DN 599
	- walkable:	DN 600 to	DN 3.500
Pressure ranges	up to 20 bar internal pipe pressure		
Sleeve dimensions	total width:	280 mm	480 mm
	web width:	150 mm	350 mm
	sleeve thickness:	6 mm	6 mm
Pipe profiles	- egg-shaped - circular - special profiles on request		
Clamping bands material	Made of stainless steel (e.g. 1.4571, 1.4404 or 1.4301 for water, sewage, gas, etc.) or carbon steel (e.g. Fe 590-2 for gas, oil, etc.) depending on operating conditions and special customer demands.		
Material tests	Necessary approvals and certificates are available upon request.		

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