

A problem solver to rely on!



# UNI-COUPLING TYPE OVERVIEW

PIPELINE PRODUCTS FOR WATER , GAS AND INDUSTRIAL APPLICATIONS

The UNI-Coupling is available in various types.

## UNI-Grip

- + To connect metal - metal
- + For restraint jointing
- + Patented wedge shaped seal
- + 2 grip rings for metal pipes
- + Stainless steel 1.4571 (W5) quality

## UNI-Plastgrip

- + To connect plastic - plastic
- + For restraint jointing
- + Patented wedge shaped seal
- + 2 grip rings for plastic pipes
- + Stainless steel 1.4571 (W5) quality

## UNI-Combigrip

- + To connect metal - plastic
- + For restraint jointing
- + Patented wedge shaped seal
- + 1 grip ring for metal pipes
- + 1 grip ring for plastic pipes
- + Stainless steel 1.4571 (W5) quality

## UNI-Flex

- + To connect metal - plastic
- + To connect metal - metal
- + To connect plastic - plastic
- + For flexible jointing
- + Patented wedge shaped seal
- + Stainless steel 1.4571 (W5) quality

## UNI-Rep

- + To connect metal - plastic
- + To connect metal - metal
- + To connect plastic - plastic
- + For flexible jointing
- + Patented wedge shaped seal
- + Clamp mechanism for repairing under pressure
- + Stainless steel 1.4571 (W5) quality

## With outlet

- + Pipe coupling with outlet for use on all pipe materials
- + Coupling with outlet available on request
- + Stainless steel 1.4571 (W5) quality

## UNI-Grip



## UNI-Plastgrip



## UNI-Combigrip



## UNI-Flex



## UNI-Rep



## With outlet



# TECHNICAL DATA OVERVIEW

PIPELINE PRODUCTS FOR WATER , GAS AND INDUSTRIAL APPLICATIONS

Type	Ø (mm)	Width (mm)	Pressure PN 	Pressure PN 
 <b>UNI-Grip</b>	21 - 172	45 - 110	16	70 to 32
	172 - 745	138 - 146	16 to 2.5	25 to 6
 <b>UNI-Plastgrip</b>	39 - 172	60 - 110	10	16
	172 - 640	140 - 146	10 to 2.5	16 to 6
 <b>UNI-Combigrip</b>	39 - 172	60 - 110	10	16
	172 - 640	140 - 146	10 to 2.5	16 to 6
 <b>UNI-Flex</b>	21 - 172	45 - 110	16	25
	172 - 2090 Bigger on request	140 210 - 280 - 420 Details on next page	16 to 2.5	25 to 6
 <b>UNI-Rep</b>	33 - 172	60 - 110	16	25
	172 - 2090 Bigger on request	140 210 - 280 - 420 Details on next page	16 to 6	25 to 10

Wider range	OD (mm)	Number of couplers	Material quality	Material thickness
UNI-Coupling	21 - 47.5 47.5 - 172	7 15	standard W5 standard W5	to 5 mm thickness to 5 mm thickness

Connecting	Metal - Metal	Plastic - Plastic	Metal - Plastic	Restrained / Flexible
UNI-Grip	X			restrained
UNI-Plastgrip		X		restrained
UNI-Combigrip			X	restrained
UNI-Flex	X	X	X	flexible
UNI-Rep	X	X	X	flexible



Sealing material	EPDM	NBR	Viton (on request)	Silicone (on request)
Temperature range	-30 °C - +125 °C	-20 °C - +80 °C	-20 °C - +180 °C	
Medium	drinking water, wastewater, compressed air, alcohol and solids	water, gas, oil, fuel, and other hydrocarbons	ozone, oxygen, acids, gas, oil and fuel (only with strip insert)	

Quality	Housing	Lock bars	Bolts	Anchoring
W5	1.4571 / 316 Ti	1.4571 / 316 Ti	A4 – 80 / 316 Ti	1.4404 / 316 L & 1.4310 / 301

# TECHNICAL DATA OVERVIEW

PIPELINE PRODUCTS FOR WATER , GAS AND INDUSTRIAL APPLICATIONS

UNI-Flex & UNI-Rep couplings are available in multiple widths

Type	Ø (mm)	Width (mm)	Pressure PN	
 UNI-Flex / UNI-Rep	250 - 2090 Bigger on request	210	Up to 25	
 UNI-Flex / UNI-Rep	300 - 2090 Bigger on request	280	Up to 25	
 UNI-Flex / UNI-Rep	300 - 2090 Bigger on request	420	Up to 25	



<b>Sealing material</b>	<b>EPDM</b>	<b>NBR</b>	<b>Viton (on request)</b>	<b>Silicone (on request)</b>
<b>Temperature range</b>	-30 °C - +125 °C	-20 °C - +80 °C	-20 °C - +180 °C	
<b>Medium</b>	drinking water, wastewater, compressed air, alcohol and solids	water, gas, oil, fuel, and other hydrocarbons	ozone, oxygen, acids, gas, oil and fuel (only with strip insert)	
<b>Quality</b>	<b>Housing</b>	<b>Lock bars</b>	<b>Bolts</b>	<b>Anchoring</b>
<b>W5</b>	1.4571 / 316 Ti	1.4571 / 316 Ti	A4 – 80 / 316 Ti	1.4404 / 316 L & 1.4310 / 301

# PROJECT PICTURES

UNI-COUPLING

