



Multi-Flexible-Coupling

GENIUS

- + One coupling for all pipe materials
- + For above and below ground
- + With integrated bushes
- + Resistant to 2.5 bar

Multi-Flexible-Coupling GENIUS – for the connection of all pipe systems with different or same outside diameters

The Multi-Flexible-Coupling GENIUS with integrated bushes joints all plain ended pipes within one dimension and can be used inside and outside of buildings.

The right solution always to hand: What ever pipe material needs to be jointed within one dimension, the GENIUS will always be the right solution for the contractor.



INSTALLATION »



Bush at smaller pipe remains integrated – fold out and remove bush at larger pipe.

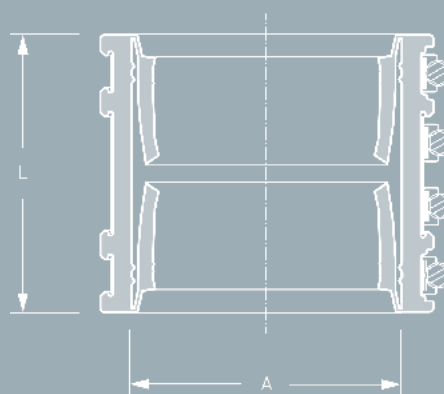


Slide GENIUS over larger pipe.



Push smaller pipe into GENIUS and tighten clamps and shear band reciprocally.

DESCRIPTION »



TECHNICAL SPECIFICATION »

Multi-Flexible-Coupling GENIUS with integrated bushes for the connection of plain ended pipe materials within one dimension with different or same outside diameters.

Pipe 1 DN/Material _____
Pipe 2 DN/Material _____

Article Number _____
Qty Price/Unit Total

Manufacturer: MÜCHER DICHTUNGEN®, D-50226 Frechen, T +49 2234 928 03-0, F-55
Pressure Tightness: 2.5 bar water / -0.3 bar vacuum
Jetting Resistance: 120 bar
Corrosion Resistance: TOX®-Technology
Sealing Material: EPDM or Nitrile (NBR) rubber with lock in place profile according to DIN EN 681-1
Stainless Steel: AISI 304/1.4301, alternatively AISI 316/1.4404 according to DIN EN 10088-2
Temperature Resistance: -40°C to +120°C, temporary max. temperature +160°C Standard/
Approval: DIN EN 16397-2, CE16

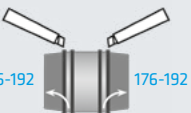


PRODUCT RANGE

MULTI-FLEXIBLE-COUPLING GENIUS						
Article Number	Reference	A Size Range (mm)	L Length (mm)	resistant to (bar)	Nm	Weight (kg)
500071	GENIUS DN 100	108-137	120	2,5	10	1,3
500072	GENIUS DN 125	123-162	120	2,5	10	1,5
500073	GENIUS DN 150	158-192	150	2,5	10	2,4

Larger sizes see Mücher-Civils.

APPLICATION SCHEDULES

DN 100	GENIUS-OPTION Size Range (mm)	DN 125	GENIUS-OPTION Size Range (mm)	DN 150	GENIUS-OPTION Size Range (mm)
Clay — Clay	 125-137 125-137	Clay — Clay	 150-162 150-162	Clay — Clay	 176-192 176-192
PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	Clay  108-125 125-137	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	Clay  123-150 150-162	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	Clay  158-176 176-192
PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	PP/PVCu/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	PP/PVCu/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	PP/PVCu/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall
108-125	 108-125	123-150	 123-150	158-176	 158-176