



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 connects 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.

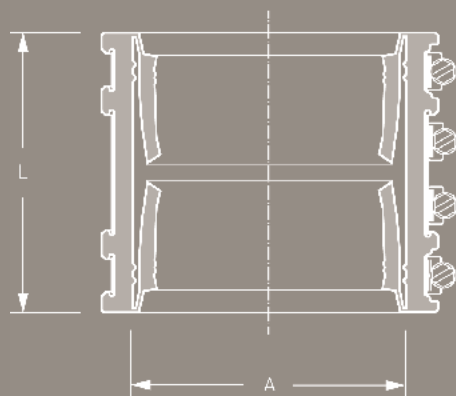


Slide GENIUS over larger pipe.



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

DESCRIPTION



TECHNICAL SPECIFICATION

Multi-Flexible-Coupling GENIUS with integrated bushes connects all 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



PRODUCT RANGE

MULTI-FLEXIBLE-COUPLING GENIUS						
Article Number	Reference	A Size Range (mm)	L Length (mm)	resistant to (bar)	Nm	Weight (kg)
84000100	GENIUS DN 100	108-137	120	2,5	10	1,3
84000125	GENIUS DN 125	123-162	120	2,5	10	1,5
84000150	GENIUS DN 150	158-192	150	2,5	10	2,4
84000200	GENIUS DN 200	198-265	150	2,5	10	3,2
84000250	GENIUS DN 250	248-326	150	2,5	13	6,1
84000300	GENIUS DN 300	313-385	190	2,5	13	8,1

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	Clay — Clay	150-162	Clay — Clay	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	108-125 108-125	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	123-150 123-150	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	158-176 158-176
DN 200	GENIUS-OPTION Size Range (mm)	DN 250	GENIUS-OPTION Size Range (mm)	DN 300	GENIUS-OPTION Size Range (mm)
Clay N+H — Clay N+H	231-265	Clay N+H — Clay N+H	285-326	Clay N+H — Clay N+H	342-385
PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	Clay 198-231 231-265	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	Clay 248-285 285-326	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	Clay 313-342 342-385
PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	198-231 198-231	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	248-285 248-285	PP/PVC/PE GRP Fib. Cement Ductile Iron Cast Iron Ultra-Rib/ Twinwall	313-342 313-342