

UNI-100® GT

THIXOTROPIC RIGID PVC CEMENT SPECIALLY FOR LARGE DIAMETERS AND MORE ELEVATED TEMPERATURES (>35°C)



PRODUCT DESCRIPTION

Thixotropic Rigid PVC Cement specially for large diameters and more elevated temperatures (>35°C).

FIELD OF APPLICATION

For joining pipes, sockets and fittings with interference fit and loose fit (gap filling) in pressure and drainage systems. Specially for large diameters and for glueing at more elevated temperatures (>35°C). Suitable for diameters up to 800 mm. Max. 16 bar (PN 16). Tolerances: diametrical clearance max. 0.8 mm / max. 0.2 mm press fit. Suitable for e.g. pipe systems in accordance with EN1329, 1452, 1453, 1455 and ISO 15493 (PVC).

PROPERTIES

- Thixotropic
- Gap filling
- Long open time
- With brush
- With quick-release cap

QUALITY LABELS/STANDARDS

CE: Adhesive for non-pressure thermoplastic piping systems in installations for the transport/disposal/storage of water (EN 14680).

CE: Adhesive for thermoplastic piping systems for fluids under pressure in installations for the transport/disposal/storage of water (EN 14814).

EN 14680: Meets requirements European standard 14680: Adhesive for non-pressure thermoplastic piping systems.

EN 14814: Meets requirements European standard 14814: Adhesive for thermoplastic piping systems for fluids under pressure.

PREPARATION

Working conditions: Do not use at temperatures below +5°C.

APPLICATION

Coverage: Indication of the number of connections per 1L:

Ø	32	40	50	63	75	90	110	125	160	200	250
#	650	290	160	100	90	70	40	30	20	12	8

Directions for use:

1. Cut pipes square, chamfer edges and remove burrs.
2. Clean surfaces to be joined with Griffon Cleaner.
3. Apply cement quickly and evenly lengthwise on both surfaces (pipe thick, socket thin).
4. Join parts immediately. Remove excess cement. Do not submit joint to a load for first 10 minutes. Close packaging carefully immediately after use.

Stains/residue: Remove cement stains with Griffon Cleaner.

Points of attention: Brush size varies depending on packaging volume. Use packaging (brush) which matches diameter to be joined.

16 - 63 mm	40 - 90 mm	50 - 160 mm	160 - 315 mm
250 ml	500 ml	1000 ml	BRUSH

CURE TIMES

Dry/Cure time: approx. See schedule:

Ø	16 - 63 mm		75 - 110 mm		125 - 315 mm		400 - 800 mm	
	10 BAR	16 BAR	10 BAR	16 BAR	10 BAR	16 BAR	10 BAR	16 BAR
5°C - 10°C	8 hours	16 hours	16 hours	32 hours	32 hours	64 hours	64 hours	128 hours
10°C - 25°C	4 hours	8 hours	8 hours	16 hours	16 hours	32 hours	32 hours	64 hours
>25°C	2 hours	4 hours	4 hours	8 hours	8 hours	16 hours	16 hours	32 hours

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Temperature resistance: 60°C, peak load 95°C

Chemicals resistance: The chemical resistance of joints depends on gap width, drying time, pressure applied, temperature, type and concentration of the product. In general, the joint can be stated to have the same chemical resistance as the material itself, with the exception of a limited number of very aggressive chemicals, such as concentrated anorganic acids, lyes and powerful oxidants.

TECHNICAL SPECIFICATIONS

Base: Solution of polyvinyl chloride in a mixture of solvents containing tetrahydrofuranes.

Colour: Transparent

Viscosity: approx. 1800 mPa.s.

Solid contents: approx. 22 %

Density: approx. 1 g/cm³

Flash point: K1 (<21°C)

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



SHELF LIFE

At least 24 months, if stored in a well-closed packaging in a dry place at a temperature between +5°C and +25°C. Limited shelf life after opening. Store in a well-sealed packaging in a dry place at a temperature between +5°C and +25°C.