

HT-120 NL/FR/EN/DE

QUICK, THIXOTROPIC PVC-C CEMENT.



PRODUCT DESCRIPTION

Quick, thixotropic PVC-C cement.

FIELD OF APPLICATION

For joining pipes, sleeves and fittings with press and loose fit (gap filling) in pressurised and drain systems. Approved by Lubrizol for Corzan® Systems. Suitable for diameters ≤ 250 mm. Max. 25 bar (PN 25) for diameters ≤ 110 mm. Max. 16 bar (PN 16) for diameters > 110 mm and ≤ 250 mm. Maximum tolerance 0.8 mm diametrical clearance / 0.2 mm press fit. Suitable for pipe systems conforming to EN1566, 15877 and ISO15493 (PVC-C).

PROPERTIES

- With special brush
- With quick release cap
- Fast
- Thixotropic
- Gap filling

QUALITY LABELS/STANDARDS

ACS: In accordance with the positive lists of ACS (Attestation de Conformité Sanitaire). Certificate IPL 10 CLP NY 012.

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 in temperatures ≤ +5°C.

APPLICATION

Coverage: Indication of the number of adhesive joints per 1 L:

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. Saw off pipes squarely, chamfer and deburr. 2. Clean adhesive surfaces with Griffon Cleaner and Cleaner Cloth. 3. Apply adhesive rapidly and evenly all around (4-6x) to both bonding surfaces (pipe thickly, sleeve thinly). 4. Assemble joint immediately. Remove excess adhesive. For the first 10 minutes, do not load the joint mechanically. Properly close the container immediately after use.

Stains/residue: Remove adhesive stains with Griffon Cleaner and Cleaner Cloth.

Points of attention: Brush size varies per packaging volume. Use a suitable packaging (brush) for the diameter to be bonded.

CURE TIMES

Dry/Cure time: approx. See table (temperature medium 20°C):

Ø	16 – 63 mm		75 – 110 mm		125 – 250 mm		16 – 160 mm	200 – 250 mm
	10 BAR	16 BAR	10 BAR	16 BAR	10 BAR	16 BAR	NON PRESSURE	
5°C - 10°C	4 hour	8 hour	8 hour	16 hour	16 hour	32 hour	2 hour	4 hour
>10°C	2 hour	4 hour	4 hour	8 hour	8 hour	16 hour	1 hour	2 hour

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

TECHNICAL PROPERTIES

Temperature resistance: 95°C, peak load 120°C

Chemicals resistance: The chemical resistance of adhesive joints depends on the gap width, drying time, pressure, temperature, type and concentration of medium. The adhesive joint generally has the same chemical resistance as the material itself. Exceptions to this are a small number of very aggressive chemicals such as concentrated inorganic acids, caustic solutions and strong oxidants.

TECHNICAL SPECIFICATIONS

Chemical base: Solution of PVC-C in a mixture of solvents.

Colour: Yellow (transparent)

Viscosity: approx. 2500 mPa.s.

Solid contents: approx. 19 %

Density: approx. 0.99 g/cm³

Flash point: K1 (<21°C)

STORAGE CONDITIONS

At least 24 months in the unopened package and stored between +5°C and +25°C. Close the container properly and store in a dry, cool and frost-free location. Limited shelf life after opening.