

Stop Leaks Plus Inject (Flow System) for Metal – Offline

PRODUCT DESCRIPTION

A two components system consisting of polymers. Once fully cured, the system provides excellent protection from the effects of mechanical and chemical attack.

INTENDED USES

POLINTEK® Stop Leak Regular Inject (Flow System) for Metal Offline (OLLS) System (Injection / Pump) system has an advance technology :

1. Online application.
2. Chemical resistance (dipping): H₂SO₄ 35%, HNO₃ 50%, NaOH 50%, NH₃ 50%, H₂S 50%, HCl 37% and EDC (1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide variant concentrate.
3. Thermal resistance (induction) from -40 °C to 850 °C.
4. Fast cure (accelerate).
5. Mechanical shock resistance.
6. Incorporated by Reinforced, Pressure Resistance minimum 60 bar for 2 hours (PCC 2 ASME Standard).
7. Anti-corrosion and molecular degradation.
8. Ultraviolet resistance.
9. Zero water absorption.
10. Single coat application.
11. Compatible to all metal surfaces.
12. Adhere within wet or oily application.
13. Hydrocarbon immersion resistance.
14. Flexibility.
15. Food Grade

Applications include piping, valves, flange in oil and gas, chemical, mining and water industries.

PRACTICAL INFORMATION FOR POLINTEK® Stop Leaks Plus Inject (Flow System) for Metal - Offline

Color	black
Gloss level	N/A
Volume Solid	58 ± 3 %
Thickness	1000 – 2000 microns without reinforced
Coverage Area	Injected 1.3 kg for 1x10 ⁻³ m ³
Method of Application	Injecting to removable clamp (OLLS), hole or capillarity
Drying Time	

Temperature	Gelling	Touch Dry	Hard Dry	Over-injecting Interval with self	
				Minimum	Maximum
25 ⁰ C (77 ⁰ F)	4 hour	8 hours	48 hours	2 hours	7 days
40 ⁰ C (104 ⁰ F)	0.5 hour	1 hour	6 hours	1.5 hours	5 days
Up to 350 ⁰ C (662 ⁰ F)	0.05 hour	0.1 hour	0.5 hours	0.1 hours	0.5 days

REGULATORY DATA

See Material Safety Data Sheets (MSDS)