framatome

VERA-440 Fuel Assembly

The true 100% European VVER-440 fuel.

Designed for safety, reliability, and performance, the Framatome VERA-440 fuel assembly ensures full European sovereignty, security of supply, and long-term operability.



Challenge

VVER-440 operators face increasing pressure to secure fuel supply, comply with stricter European safety standards, and maintain long-term operability amid geopolitical and sustainability constraints.

Solution

To meet the needs of European VVER operators, Framatome is developing the VERA-440 fuel assembly along with a dedicated transport container. These products are safe, reliable, and high-performing, while ensuring full European sovereignty and independence from external dependencies.

Customer benefits

- 100% European-sovereign fuel and transport container
- Cross-qualified manufacturing sites to enhance security of supply
- Developed from scratch to meet customer needs and expectations

Technical Information

- 148 (141) kg UO_2 and cycles of up to 18 months
- 11 high-performance Q12 spacer grids
- Reduced fretting risk and consequences
- Detachable Q12 shrouds – every VERA-440 assembly is serviceable

Your performance
is **our** everyday **commitment**

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