Dry type condenser bushings
Type O Plus Dry™

No oil, no paper, no porcelain, no problems.

When safety and reliability matter
Safety and reliability are essential to the operation of power transformers. For the past 60 years oil-filled, paper insulated condenser bushings have been applied on power transformers. While faithfully serving their purpose, ensuring the safe and reliable operation of these bushings can be time consuming and costly.

It is estimated that 100 MUSD* is spent annually maintaining and replacing oil-filled bushings in the United States alone.

Typical concerns
– Damage/outage due to vandalism or attack
– Porcelain shards damaging equipment or injuring people
– Catastrophic fire
– Oil leaks
– Flashover from high contamination

The solution - dry bushings
– Reduced maintenance needs
– No oil and no porcelain
– Explosion resistant
– Fire retardant
– Hydrophobic/self-cleaning

O Plus Dry bushings
The ABB O Plus Dry™ bushing meets or exceeds IEEE standards. It uses no paper and no porcelain and contains no oil. It is less fragile than porcelain bushings and lighter in weight. It uses HTV silicone rubber weather sheds, which are hydrophobic and self-cleaning even in highly polluted environments.

* This estimated cost includes replacement, in and out, and routine maintenance costs.