

PROTECTING POWER GENERATION INFRASTRUCTURE USING ENVIROPEEL



ENVIROPEEL
THERMOPLASTIC SYSTEMS



Enviropeel encapsulation provides a guaranteed solution for problems with water ingress and corrosion, using a spray-applied thermoplastic to protect vulnerable substrates with a tough, flexible barrier coating to exclude moisture and contaminants.



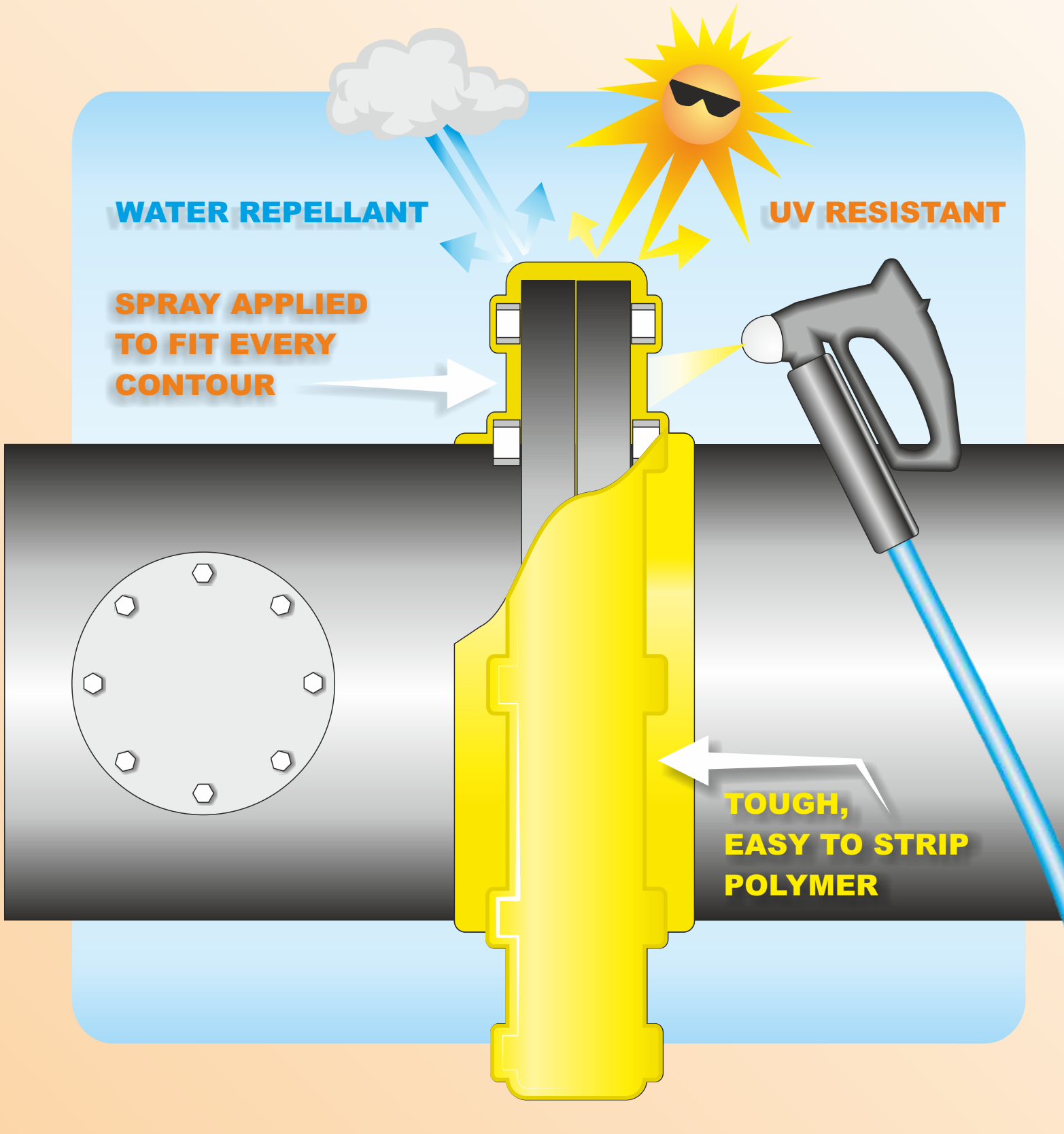
SYSTEM BASICS

- The material is supplied as chips in 10 kg tubs
- The chips are loaded into the applicator unit heating tank where they are heated to form a liquid
- The liquid material is sprayed on to the substrate
- Cooling quickly, the material solidifies around the target substrate

Various equipment sizes are available but the 30 kg unit shown above, with twin pumps and hoses, is generally used on sub-station sites in the UK because of its high capacity and long 19-metre hose

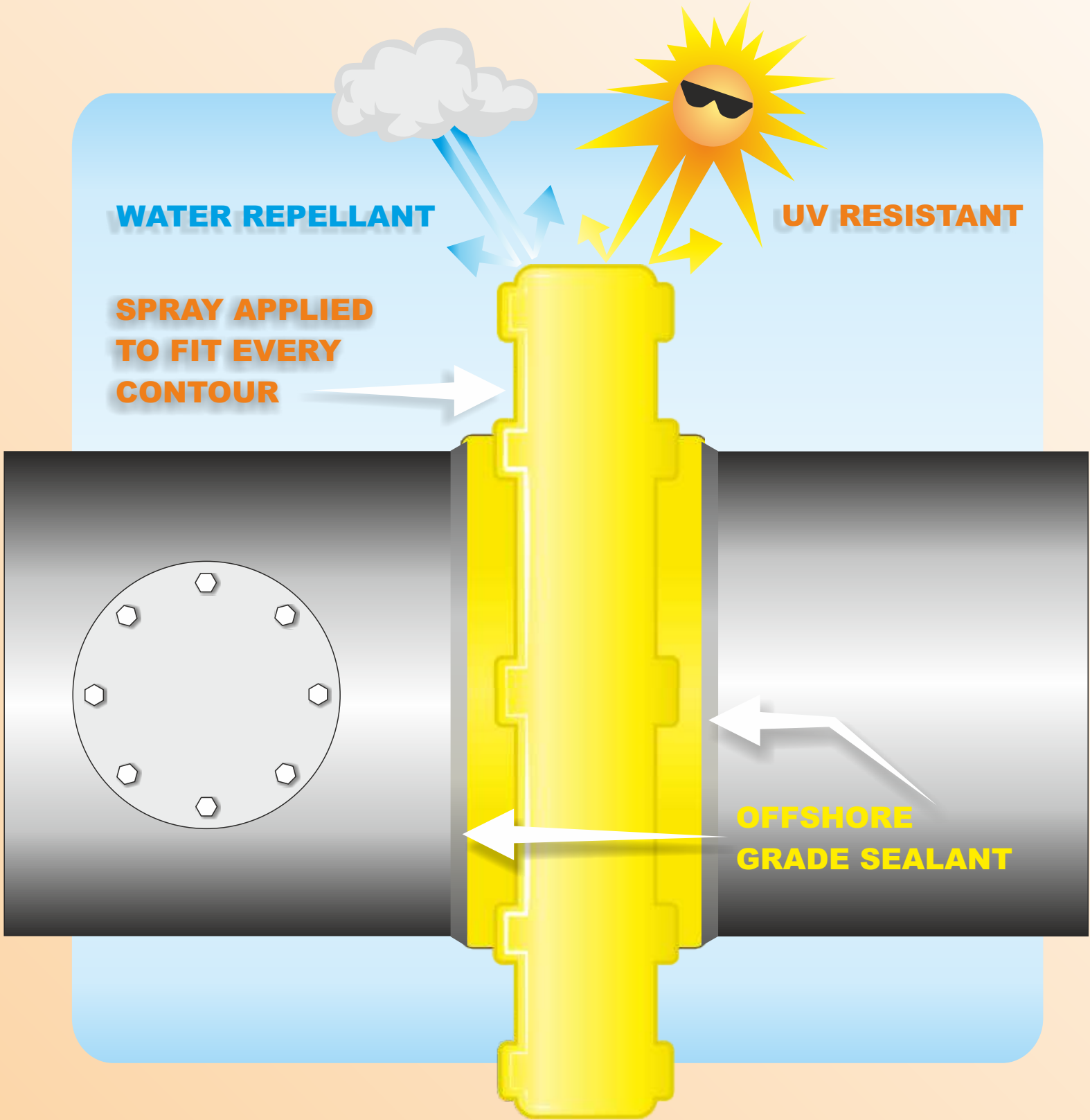
Grey as standard, Enviropeel can be ordered in any colour



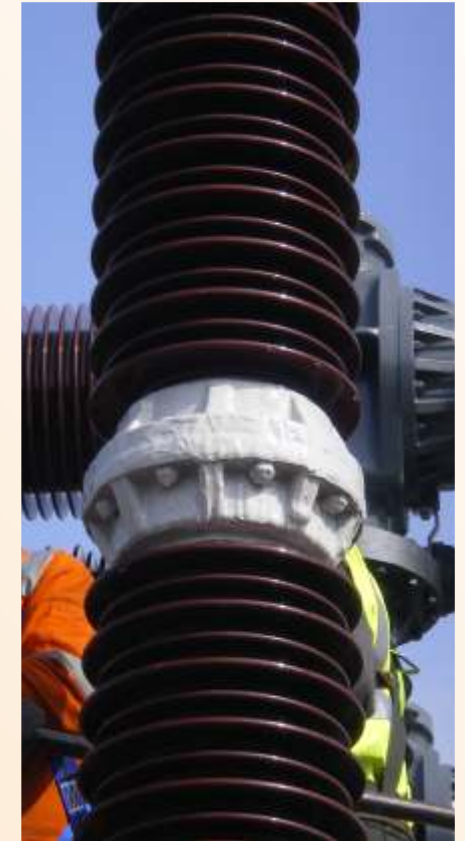


The Enviropeel material is a tough flexible solid at normal temperatures but, when melted to a liquid in purpose-built application units, it can be spray applied to any substrate.

Enviropeel is easy to strip, re-usable, recyclable, non-toxic and environmentally safe



Once the Enviropeel application is complete an offshore-grade sealant is used as a final 'belt and braces' to prevent any possible ingress.



*Applying Enviropel at
West Burton Power
Station and a finished
application at
Drakelow 132KV Sub
Station, UK*

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*Application in yellow at EDF Heysham
Nuclear Power Station*



Penwortham & West Burton



Harker

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Summary

- **All personnel fully trained and security checked***
- **All application personnel Enviropeel certified**
- **10 year material and system warranty****
- **In use around the world since 1998**
- **Tried and tested in the North Sea & Outback Australia**
- **Used by ConocoPhillips, BHP Billiton & Shell**
- **Impermeable, corrosion-inhibiting barrier coating**
- **Easy to remove and replace for inspection**
- **Re-usable and recyclable, reducing waste**
- **Non-toxic & safe in the environment**

* Person, BESC, CCNSG (H&S), MEWPS, Disclosure Scotland Certificate, Security Vetting for Nuclear Power stations

** Subject to inspection conditions

