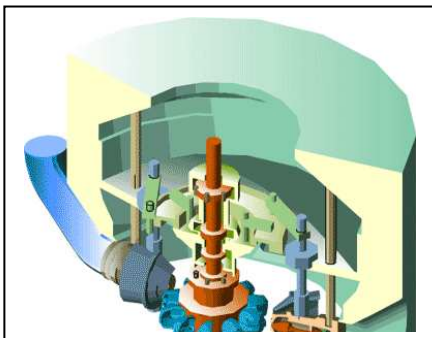
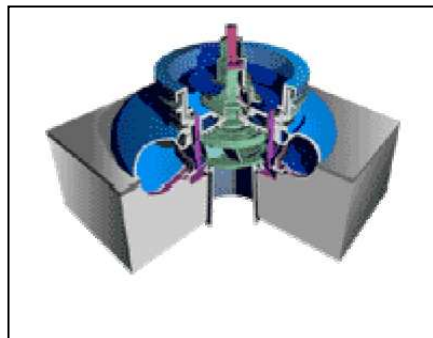


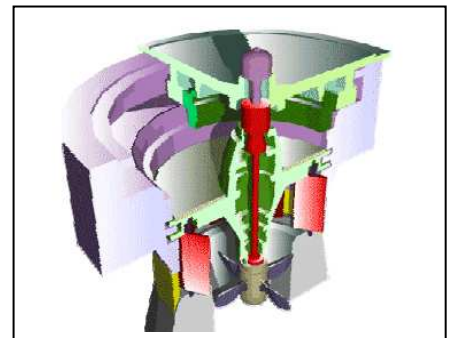
HYDROPOWER



Pelton



Francis



Kaplan

Carcotex SG



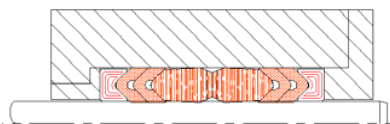
It performs successfully in any condition and produce also no leakage with misaligned pistons, even at low pressure condition. The top terminal ring has exclusive design that allow it to seal also at low pressure and to act as a scraper, thanks to its geometry and interference with both piston and rod.

Carcotex/SG doesn't require initial compression or periodical adjustments. The bottom terminal ring is made of a



Kaplan blades

special fibers reinforced material supporting pressure load and avoiding extrusion even with large rod/piston clearance.



Working conditions:
Temperatures: -40°C; +200°C
Pressure: 35 / 63 Mpa

Carcotex UG

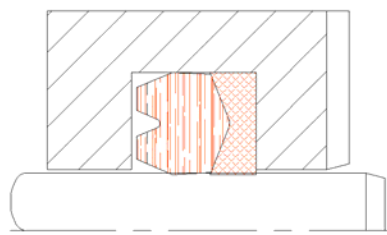


It provides the best solution for housing with minimal axial size. This packing consists of a full rubber PTFE filled top terminal ring and a very strong anti-extrusion support ring made of a special fiber reinforced material. It is suitable for fitting on rod as well as on piston, even in closed housing.



Wicket gade

Carcotex/UG may be supplied endless or split and provides minimal friction and therefore it is ideal when power loss is undesirable.



Working conditions:
Temperatures: -40°C; +200°C
Pressure: 35 / 63 Mpa

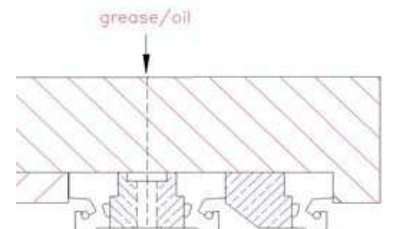
Carcoseal UN & AP/WT



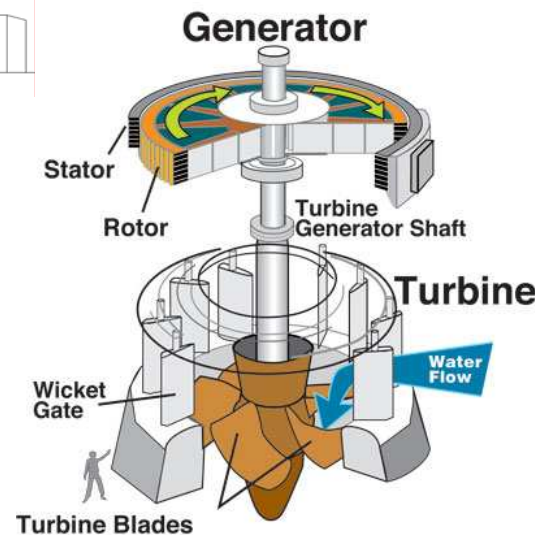
The lip is designed so that the pressure effect generates a favourable stabilizing torque which prevent the surface contact area between lip & shaft from increasing. Carcoseal AP and AP/WT are compatible with under water bearing applications, where head pressure is a problem.



Gearboxes & shaft generator



Working conditions:
Temperatures: -40°C; +200°C
Pressure: max 0.5 Mpa
Speed: 12 m/s
PV factor: 6



Hydraulic Cylinder:



We supply also seals for inlet valves types:

Butterfly valves



Thru flow valves

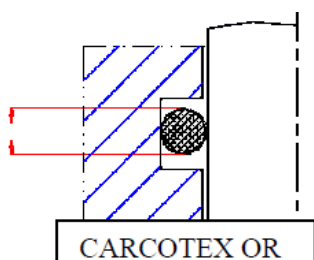


Spheric valves

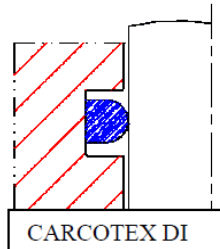


We supply mainly the following products:

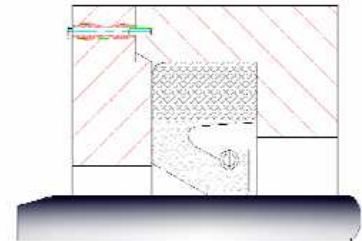
Carcotex OR, is a special OR fully made of rubber fabric.



Carcotex DI, is a special OR with "D" shape to avoid rotation inside the housing. It's made of rubber fabric.



Carcotex UN, is by far the most popular covering the majority applications.



Carcoflon CFL, are single action pistons or rod seals for working in hydraulics and many applications.

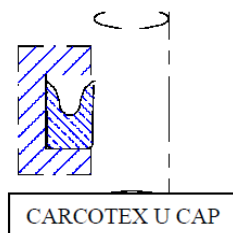


CUSTOMER DESIGNED PRODUCTS

References:

- ENEL
- RIVA CALZONI
- VATECH
- VORTEX HYDRA
- CVA (Aosta)

Carcotex U Cap, single action sealing element. Installed in closed grooves, high sealing effect.



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Carcotex SL, piston or rod seals for housing with minimal axial size and when low friction is requested.

