

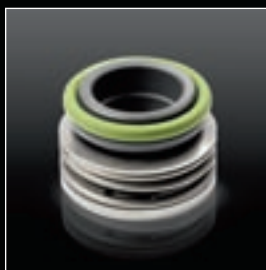


ITT

Water & Wastewater

Griploc™ —

your next step towards trouble-free operation



The new generation of mechanical face seals (Ø 20–35 mm)

- **Robust design**
= consistent performance
- **Uniform design**
= the same mounting procedure for all sizes
- **Quick and secure mounting**
= smooth service
- **Fewer versions**
= reduced spare part inventory

Genuine Flygt quality

Engineered for life

The Griploc™ seal

Solid seal rings

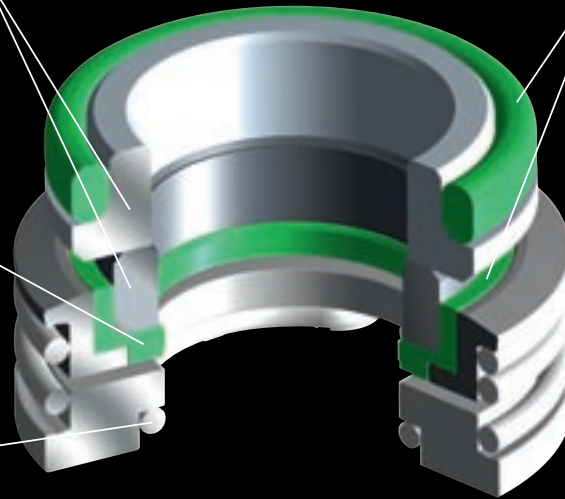
The seal rings are available in corrosion resistant cemented carbide (WCCR), aluminium oxide (Al₂O₃) and reaction-bonded silicon carbide (RSiC).

Semi-bellow design

The semi-bellow design eliminates shaft fretting.

Patented griplock

The griplock design securely locks the seal to the shaft. No unreliable rubber friction, no grub screws, no shaft damage.



Heat-resistant materials only

Heat-resistant elastomers in fluorocarbon rubber (viton) for high temperature performance.

External coil spring

The open spring housing makes the seal resistant to clogging.

Wear resistant torque drivers

Wear protection of the internal torque drivers makes the seal suitable for abrasive applications.



The new generation of small mechanical face seals was developed with high workshop efficiency and long, trouble-free life in mind. With fewer versions, the Griploc™ seals will fully replace the old Flygt seals (Ø 20–35 mm). This can reduce your costs for spare parts inventory. In addition, Griploc™ seals make life easier for maintenance staff as the same installation procedure is valid for all sizes. An easy-to-use mounting tool is included with each seal package.

Simply contact your nearest ITT representative for detailed information.

Technical data

Griploc™ is currently being introduced for the following Flygt products

Pumped media	
Sewage, sludge	Yes
Slurry	Yes
Fiber	Yes

Rating	
Pressure	16 bar
Temperature	70°C
Speed	5,000 rpm
pH	1–14

Shaft dimension	Pump model																		
Ø20	2060	2066*	2075	2076*	3041	3050*	3057	3060	3065*	3067*	3068	3075*	3076*	3080	3085	4351*	4352*	4400	5510*
Ø22	2040*	2056*	2070*	2071	2102*														
Ø25	3102	5520																	
Ø28	2082*	2090*	2125	2140															
Ø35	2084*	2135*	2151*	3126*	3127	4440*	5530												

*) Products no longer in production.