

FEATURES

ContiTech air actuators satisfy the standard environmental protection requirements. These include chromium(VI)-free anti-corrosion protection, REACH, PWIS-free, RoHS compliance, SVHCs etc. Ongoing advanced development ensures that our products are always the state of the art.

Resistance of the elastomer materials

ContiTech elastomers are virtually immune to the effects of weathering and optimized to deal with a wide spectrum of relevant media (see table). If re-quired, it is possible to access the entire data-base for resistance properties, which is based on laboratory tests and decades of experience gained from industrial applications.

	NR	CR	ECO
Abrasive solide, abrasion resistance	✓	○	○
Antifreeze agents, ethylene glycol/glycerin	✓	✓	✓
Fuels	○	○	✓
Weak alkalis/soap solution	✓	✓	✓
Mineral oils, vegetable oils	○	○	✓
Ozone in high concentrations	○	✓	✓
Inorganic acids < 10% and organic acids	✓	✓	✓
Saline solutions, aqueous	✓	✓	○
Silicone oil	✓	✓	✓
Water	✓	✓	○
	✓	Exceptionally well suited	
	○	Resistance data on request	

Permissible working media

- Compressed air (also containing oil)
- Nitrogen
- Water (also with glycol)
- In certain cases, the corrosion resistance of the connecting parts may merit consideration.

Storage

ContiTech air actuators should be stored in dark, dry rooms at normal room temperature (see ISO 2230).