

Process: **Proco –ETFE**
black-transparent

- Typical features:**
- **high resistance to chemicals**
 - **good electrical insulating properties**
 - **meets FDA Requirements**

Proco - E-ETFE has excellent resistance to chemicals, acids, alkalis and organic solvents.

For applications in ATEX area we recommend the variant Proco - CF / ETFE.

Areas of application: Apparatus: columns, reactors, valves, chemical containers, mixers, temperature sensors, centrifuges, laboratory equipment, fittings.

Food industry: stirring and mixing plants, conveyors, containers

Engineering: rollers, tanks, mixers, molds, valves, drying cabinets, etc.

Properties:	Characteristic:	thermoplastic
	Colour:	primer black, topcoat transparent
	Layer thickness:	app. 400 – 1000 µm, depending on the workpiece
	Allowable heat load, dry:	150 – 180°C
	Shore hardness:	about 75 D
	Melting point:	265°C
	Approvals for food contact:	appropriate non-destructive using: The components of the material are FDA compliant (Codes of Federal Regulations, Title 21, including Section 175.300, respectively 178.3297); use-related restrictions are possible. The information is believed to be accurate. It does not release the user from his own project-based verification.
	Pore analysis:	3 kV
	Pre-treatment:	anti-corrosive sandblasting (DIN EN ISO 12944-4)

For planing and producing of constructions to be coated, the guidelines of DIN EN 14879-1:2005 must be noticed strictly.