

TECHNICAL DATA SHEET

PTFE (Teflon)

Material code: PTFE

Unrivalled chemical and heat resistance with a non-stick surface, but soft and low-impact. For seals, gaskets and high-temp chemical service.

COMPARATIVE PROPERTIES

Impact resistance		3/10
Chemical resistance		10/10
UV / weather resistance		8/10
Heat resistance		10/10
Machinability		4/10
Optical clarity		2/10

KEY FACTS

Max service temp	260 °C
Density	2.15 g/cm³
Weight class	Heavy
Cost tier	Premium
Food-safe grade available	Yes
Weldable	No

TYPICAL APPLICATIONS

- Seals
- Gaskets
- Chemical processing
- High-temp

This is a Technical Data Sheet, not a Safety Data Sheet (SDS). Property ratings are indicative comparative values for material selection only and are not guaranteed engineering figures — confirm critical properties against the manufacturer's data before design. For handling, storage and hazard information, refer to the manufacturer's SDS. Grades, colours and thicknesses vary; contact us to confirm suitability for your application.