

# MATERIALS

Accofluor materials are well proven and used in various industries and applications – worldwide. Some are well-known, some are newly developed for special applications or for replace materials to new ones with less environmental impact.

Material code	Description	Application comments	Temp C°	Color
AF-1012	PTFE Virgin	Good for gaseous medias.	-200 to + 260 °C	White
AF-1022	PTFE + additives	Improved wear and friction properties	-200 to +260 °C	Turquoise
AF-1024	PTFE + additives	Like AF-1022, but FDA/EU-FCM approved	-200 to +260 °C	Turquoise
AF-1086	PTFE + mineral fiber	FDA/EU-FCM approved	-200 to +260 °C	White
AF-1111	PTFE + Ekonol	For high demand reciprocation and rotary applications at low pressure. Good wear and temperature resistance also in non-lubricated environments. Suitable for soft counter surface ex. aluminium	-200 to +260 °C	Beige
AF-2370	PTFE + special filler	Contact for info.	-200 to +260 °C	Black
AF-2410	PTFE + Carbon	Suitable for low speed rotary applications, also in poor lubricated environment ex. water	-200 to +260 °C	Black
AF-2413	PTFE + 10% Carbon	Very good for rotary applications, not suitable for gases	-200 to +260 °C	Anthracite
AF-2426	PTFE + 25% hard carbon/graphite	Suitable for lubricated pneumatics and hydraulics applications, very good extrusion resistance	-200 to +260 °C	Black
AF-2500	PTFE + 25% soft carbon/graphite	Ideally suited for pneumatics and hydraulics both non lubricated and lubricated applications, very good extrusion resistance and overall chemical resistant except heavily oxidizing agents	-200 to +260 °C	Black
AF-3015	PTFE + graphite	Electrical conductive	-200 to +260 °C	Anthracite
AF-4025	PTFE + 25% glasfiber	Acid resistant	-200 to +260 °C	White
AF-4115	PTFE + 15% glasfiber/lubricants	Used for high speed reciprocating applications, hard counter surface required	-200 to +260 °C	Grey
AF-5060	PTFE + 60% Bronze	Hydraulic material for lubricated environment exceptional dimension stability. Well proven for static high pressure	-200 to +260 °C	Brown
AF-5640	PTFE + 40% Bronze/additives	Standard hydraulic material for lubricated environment very good dimension stability.	-200 to +260 °C	Green

Material code	Description	Application comments	Temp C°	Color
AF-6050	PTFE + stainless steel	Recommended for valve seats, and static applications	-200 to + 260 °C	Grey
AF-7010	POM C	Improved wear and friction properties	-50 to + 120 °C	White/black
AF-7522	PTFE TFM virgin	Excellent for gaseous medias, good extrusion resistance	-200 to +260 °C	White
AF-7615	PTFE + mineral/additives and lubricants	For high demand reciprocation and rotary applications at medium pressure. Excellent wear and very good temperature resistance also in non-lubricated environments.	-200 to +260 °C	Dark grey
AF-7710	PEHD1000 (UHMW-PE)	For high demand reciprocation and low speed rotary applications at high pressure. Excellent wear also in non-lubricated environments, low stick slip effect. Excellent for hydraulic and water applications. Environment friendly solution.	-45 to + 80 °C	White
AF-7720	PEHUD	For high demand reciprocation and low speed rotary applications at high pressure, more dimension stable at higher temperature. Excellent wear also in non-lubricated environments, low stick slip effect. Excellent for hydraulic and water applications. Good choice for environment friendly solution. FDA/EU-FCM approved	-45 to 120 °C	White/Orange
AF-8160	PUR shore 60D	For lubricated reciprocation applications. MOCA free acc.to ECHA regulations	-45 to 100 °C	White
AF-8170	PUR Shore 70D	For lubricated hydraulic applications, high extrusion resistance. MOCA free acc.to ECHA regulations	-45 to 100 °C	White
AF-9200	Polyester resin and fabric + PTFE	High flexural strenght, minimum risk of breakage, improved sliding properties and no water absorption.	-40 to +130°C	Turquoise
AF-9305	PEEK natural	Excellent pressure and extrusion resistance	-60 to 280 °C	Beige
AF-9600	Cotton fabric	High loadbearing capability and low friction	-40 to +130°C	Brown
ATXC-33	PTFE + polymer and additives	FDA/EU-FCM approved	-200 to + 280 °C	Sand
ATXC-66	PTFE + polymer, additives and lubricants	For very high demand reciprocation and rotary applications at high pressure. Excellent wear and temperature resistance also in non-lubricated environments.	-200 to +280 °C	Olive green

Technical data sheets are available on request. The values are based on a routine inspection of raw materials and compounds.