






## BFM® connector materials – films

	Seeflex 020E	Seeflex 040E	Seeflex 040 AS	Seeflex 060ES	TFNP
					
Material	Polyether-based polyurethane	Polyether-based polyurethane	Polyether-based polyurethane	Polyester fibre enforced polyurethane	100% PTFE laminate
Colour	transparent	transparent	transparent	transparent / white	black
Thickness	0,35 mm	0,9 mm	0,9 mm	1,3 mm	0,23 mm
Temperature resistance*	- 25 - 80°C (peaks 100°C)	- 25 - 110°C (peaks 120°C)	-25 - 95°C (peaks 100°C)	-25 - 120°C (peaks 170°C)	Max. 300°C (peaks 316°C)
Pressure resistance** (operating pressure, ≤ 90°C)	0,1 bar	0,34 bar	0,24 bar	1,3 bar	0,34 bar
Food approval (certificate available)	EU + FDA	EU + FDA	EU + FDA	EU + FDA	EU + FDA
ATEX approval*** (certificate available)	Zones 20-22	Zones 20-22	Zones 20-22 and 0-2	Zones 20-22	Zones 20-22 and 0-2
Application	Extremely soft material, perfect for weighing applications	Standard material for most dry and wet applications	As 040E; with extended ATEX approval	For high temperature and / or high pressure applications	For chemically aggressive products, high temperatures, difficult requirements in terms of el. conductivity

\* For otherwise undamaged material and in applications without pressure and / or vacuum.

\*\* Explosion resistance is typically higher. We recommend using the shortest possible connector (100-150 mm) for situations of elevated pressure (operating pressure or required explosion resistance).

\*\*\* Additional restrictions / allowances may apply. Please contact us for details.

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