

## Gaskets Materials

### Flexseal® EPDM FS 30250

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**Description:** Flexseal® EPDM FS 30250 is an elastomer material based on EPDM (ethylene propylene diene monomer). Flexseal® EPDM FS 30250 is colored black and offers good resistance to weathering, aging and ozone. Flexseal® EPDM FS 30250 is often used in applications that require high flexibility and good sealing properties. Flexseal® EPDM FS 30250 complies with the standard DIN EN 45545-2:2016 R22/R23/R24 HL2.

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**Uses:** Flexseal® EPDM FS 30250 is typically used in seals, insulating materials and applications in mechanical engineering, vehicle construction and electrical engineering.

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**Availability:** Flexseal EPDM FS 30250 can be supplied as a blank or die-cut part. Other forms of delivery on request.

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**Storage:** Flexseal® EPDM FS 30250 should be stored at room temperature in dry rooms.

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## Flexseal® EPDM FS 30250

Properties	Unit	Value
Material structure	-	EPDM
Structure	-	Solid
Color	-	black
Shore Hardness A	-	40 ± 5
Thickness range	Mm	0.8 to 20
Maximum width	Mm	350
Density	g/cm <sup>3</sup>	1,45
Tensile strength	Mpa	6,0
Ultimate strain	%	700
Tear Resistance – Type C	kN/m	20,5
Compression set 22h @ 70°C	%	15,4
Compression set 22h @ 100°C	%	39,9
Ozone	-	Reinforced C3
Operating Temperature Range Continuous	°C	- 40 to +100
Temperature range Peak	°C	+110
EN45545-2:2016 (Thickness 2 – 20mm)	-	R22-R23-R24 HL2

## Flexseal® EPDM FS 30250

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**Trademark Information:** Flexseal® is a registered trademark of Dr. Dietrich Müller GmbH, Germany.

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**Please note:**

The information in this technical data sheet is based on our current knowledge and experience. Due to the wide range of possible influences during application, it does not exempt the processor and user from carrying out their own tests and trials. A legally binding guarantee of certain properties or suitability for a specific application cannot be derived from our information. Depending on the individual case, we recommend consulting us. The recipient of our products is responsible for observing any industrial property rights and existing laws.

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