

## Gasket materials

### Flexseal® EPDM FS 30154 KTW

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**Description:** Flexseal® EPDM FS 30154 KTW 65 is a gasket material made of ethyl-propylene-diene-rubber (EPDM).

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**Properties:** Flexseal® EPDM FS 30154 KTW 65 offers resistance against ozone, weather, strong bases and acids. It has a limited wear resistance and is not resistant against oil and fuel.

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**Application:** Flexseal® EPDM FS 30154 KTW 65 is used for machine and plant engineering, automotive supply industry, railway vehicles, food products and pharmacy.

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**Colour:** black

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**Delivery forms:** Flexseal® EPDM FS 30154 KTW 65 can be delivered as customized cut and die-cut part. Dimensions and other delivery forms upon customer request.

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## Flexseal® EPDM FS 30154 KTW

Property	Testmethod	Unit	Value
Colour	-	-	Black
Material	-	-	EPDM
Density	-	g/cm <sup>3</sup>	1,40
Hardness	DIN 53519	Shore A	65
Tear strength	DIN 53504	N/mm <sup>2</sup>	6
Elongation at break	DIN 53504	%	300
Abrasion	DIN 53516	-	-
Tear resistance	DIN 53517	-	-
Temperatureresistance	-	°C	-30 bis + 130
Temperatureresistance short	-	°C	+150
Compression set (22h/150°C, 25% deflection)	-	%	-
Compression set (22h/70°C, 25% deflection)	-	%	35
Aging in air (72h/70°C)			
Change of tear strength	-	%	-10
Change of elongation at break	-	%	-25
Change of hardness	-	Shore A	+10
Resistance against			
Diluted acids	-	-	good
Concentrated acids	-	-	good
Oil and fuel	-	-	non-resistant
lyes	-	-	good
solvents	-	-	non-resistant
Ozone, weathering	-	-	excellent

Dr. Dietrich Müller GmbH

## Flexseal® EPDM FS 30154 KTW

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

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**Please note:**

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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Dr. Dietrich Müller GmbH