

### General information:

EPDM is a terpolymer elastomer (rubber) and thus a synthetic rubber. Its saturated structure offers properties like high ozone and weather resistance as well as high thermal stability. Due to its high elasticity and good chemical resistance it is used amongst others for diverse gaskets. EPDM is a common material for hoses which are used for steam and hot water applications. The resistance to mineral oils, however, is bad.

### Physical properties:

Property	Value	DIN
Hardness	50-60 shore	
Specific weight	1.07-1.13 g/cc	
Tensile strength	1015 psi min.	
Elongation at break	350% min.	
Compression set	25% max.	
Tear resistance	200 pli min.	
Continuous operation (for 24 hours)	200°F (90°C)	
Short-term operation (for 1 hour)	250°F (120°C)	

### Chemical resistance:

#### Resistance to

Benzine	-	Weak lyes	+
Benzol	-	Strong lyes	+
Mineral oils	0	Weak acids	+
Vegetable oils	0	Strong acids	+

#### Important note:

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