

# Cork MR 31 Plus



MR 31 Cork is a highly compressible automotive and general purpose gasket material with moderate oil resistance.

MR31 Cork sheet is manufactured from a combination of tough and durable cork granules secured with a synthetic rubber. Brown / Black in colour, MR31 Cork is a good option for sealing oils or fuels at low to medium pressure.

It is typically recommended to use up to 120°C temperature and 10 bar pressure maximum. Please consult Klinger for specific applications.

Binder: Synthetic Rubber  
Cork Granule Size: 0.5 mm

### Applications:

- General Purpose Gaskets
- Rocker Cover and Sump Gaskets
- Transmission Pan Gaskets
- Seals for Plastic Casings

### Size/Availability:

Sheets:  
762 x 1270 mm  
Standard Thickness:  
0.8, 1.6, 3.2, 4.8, 6.4 mm

TEST METHOD	PROPERTY	UNIT	VALUE
ASTM F 1315	Density	Kg/m <sup>3</sup>	560 – 760
ASTM D 2240	Hardness	Shore A	50 - 70
ASTM F36	Compressibility at 400 psi	%	30 – 55
ASTM F 36	Recovery at 400 psi (min)	%	75
ASTM F 152	Tensile Strength (min)	MPa	0.96
ASTM F 147	Flexibility		
	Original (F=5)	-	No Cracks
	Oven aged, 70h at 100°C(F=16)	-	No Cracks
	ASTM No1 Oil, 70h at 100°C (F=16)	-	No Cracks
ASTM F 146	Volume change after immersion	-	
	ASTM No1 Oil, 70h at 100°C	%	-10 to +10
	IRM 903 Oil, 70h at 100°C	%	+5 to +40
	ASTM Fuel A, 22h at RT	%	0 to +15
ASTM F 146	Thickness change, IRM 903 Oil, 70h at 100°C	%	-2 to +15

**For sales and technical advice, please contact:**

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