

# KM EPDM Rubber Gasket

EPDM Extruded Profile Rubber Gasket



## Technical Data Sheet

### Material Description

KM Ethylene Propylene Diene Methylene (EPDM) Rubber Gasket is an extruded profile rubber gasket.

### Key Performance Properties

- Withstands high & low temperatures
- Highly resistant to weathering, oxidation and water.
- Excellent UV & aging resistance.
- Good-to-high tensile strength and elasticity.
- Repels water & forms tight seals.
- Non-absorbent of water.
- Ideal for Internal and External Window perimeter seals.
- Excellent vibration dampening and sound absorption.



### Applications

KM EPDM Rubber Gasket seal out wind, water, dust, mud and a range of outdoor temperatures. Below are a few examples of applications:-

- Door seals & gaskets
- Window seals & gaskets
- Joints between Precast Concrete Structures & Prefabricated Prefinished Volumetric Construction (PPVC)
- Air duct insulation
- HVAC seals
- Lighting seals

### Typical Property Data

Properties		Data	Method
Physical Properties			
Colour		Black	
Hardness Range (Type A)	Shore A	50 $\pm$ 5	
Specific Gravity		1.1 $\pm$ 0.1	ASTM D792
Mechanical Properties			
Tensile Strength	MPa	$\geq$ 6.0	ASTM D412
Elongation at Break	%	$\geq$ 250	ASTM D412
Compression Set (22hrs, 70°C)	%	32%	ASTM D395
Heat Aging (70 Hrs @ 70°C)			
Tensile Strength	% Change	+ 12 (Range -30 to +30)	
Elongation at Break	% Change	- 28 (range - 50 Max)	
Hardness Change	Shore A	+ 5 (Range -15 to +15)	

\*\* All data provided are for reference and should not be used as specifications

\* Hardness of KM EPDM Rubber Gasket range from 40 – 90. Do contact our sales representative for more info.