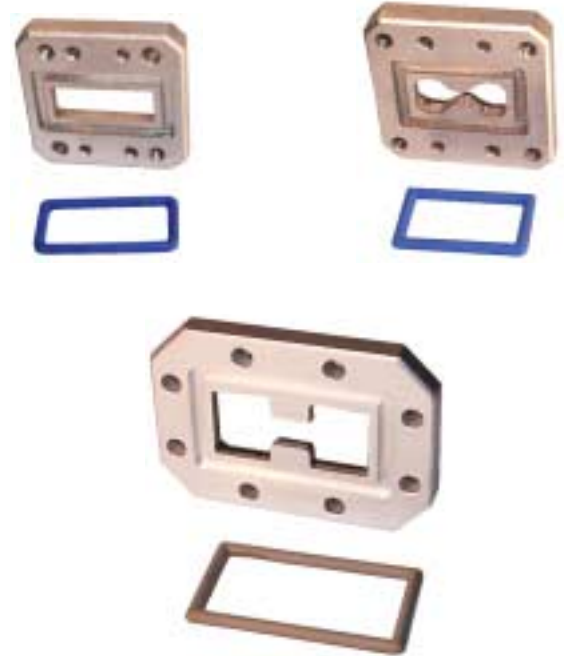
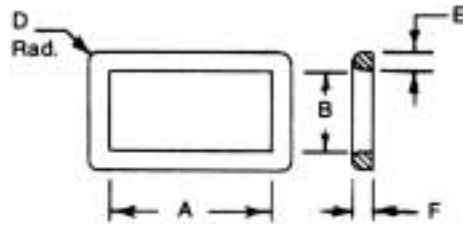




# DOUBLE-RIDGE WAVEGUIDE MEC FLATGUIDE® GASKETS R09 SERIES F09 SERIES

DATA SHEET  
T55C

- PRESSURE SEAL
- RF SHIELDING
- -55°C TO +125°C



## DESCRIPTION

MEC offers the R09-P and the F09-P Series of fluoro-silicone gaskets for pressure sealing. These gaskets are qualified for severe environments up to 45 psi over a temperature range of - 55°C to +125°C. Silver-loaded fluoro-silicone rubber exhibiting extremely low dc volume resistivity of .015 Ohm-cm max. is used for MEC's R09-S and F09-S Series of Gaskets. They provide excellent EMI Shielding of 90dB min. and pressure sealing over the temperature range of -55°C to +125°C. They are used with MEC grooved flanges for Double-Ridge Waveguide and MEC FLATGUIDE.

These gaskets are reliable, lightweight, and will withstand exposure to salt spray, fungus growth, jet fuel, hydraulic fluid, and other compounds commonly encountered in severe environmental conditions.

## SPECIFICATIONS

GASKET MODEL	FREQUENCY (GHZ)	WAVEGUIDE DESIGNATION	FLANGE DESIGNATION	WAVEGUIDE TYPE	GASKET DIMENSIONS (INCHES)				
					A	B	D	E	F
R09	7.5-18.0	WRD-750D24	MEC-750G	DOUBLE RIDGE	.816	.446	.047	.094	.067
R09-7	6.5-18.0	WRD-650D28	MEC-650G	DOUBLE RIDGE	.845	.446	.047	.094	.067
R09-8	5.8-16.0	WRD-580D28	MEC-580G	DOUBLE RIDGE	.905	.505	.047	.094	.067
R09-1	4.75-11.0	WRD-475D24	MEC-475G	DOUBLE RIDGE	1.219	.635	.047	.094	.067
R09-2	3.5-8.2	WRD-350D24	MEC-350G	DOUBLE RIDGE	1.605	.815	.047	.0	.067
R09-3	2.0-4.8	WRD-200D24	MEC-200G	DOUBLE RIDGE	2.715	1.330	.047	.94	.067
R09-9	4.75-11.0	DR-19	MEC-DR19G	DOUBLE RIDGE	1.106	.553	.054	.107	.061
F09	7.5-18.0	F750 MEC FLATGUIDE	MEC-F750G	REDUCED HEIGHT	.969	.439	.047	.094	.067
F09-1	7.0-18.0	F700 MEC FLATGUIDE	MEC-F700G	REDUCED HEIGHT	1.219	.635	.047	.094	.067
F09-2	4.3-10.5	F400 MEC FLATGUIDE	MEC-F400G	REDUCED HEIGHT	1.797	.685	.047	.094	.067

## ORDERING INFORMATION

Add suffix "P" for pressure seal only.

Add suffix "S" for EMI shielding and pressure seal.

Data subject to change without notice



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