

Gore-Shield® Die Cut Connector Gaskets



This product is RoHS compliant.

DIE CUT CONNECTOR GASKETS

Gore-Shield Gasket is a conductive, adhesive-backed, EMI gasketing material that is moderately soft and is approved for spaceflight and military applications. The gasket can be supplied in die-cut part forms or in slit width rolls. Slit width material is ideal for manual "peel and stick" EMI gasketing applications. The gasket consists of carbon-filled cellular PTFE matrix, a conductive pressure-sensitive adhesive, and a PET carrier film.

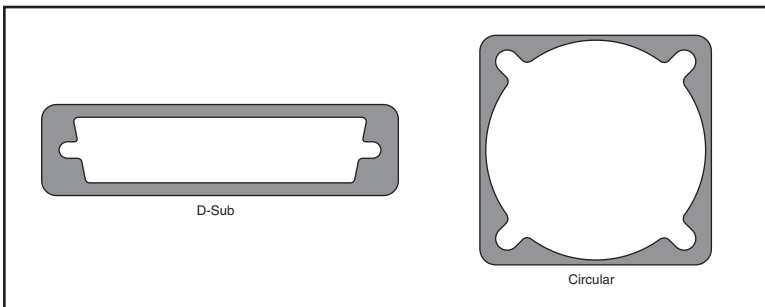
Features/Benefits:

- Global spaceflight and military approvals
- Proven shielding effectiveness
- Excellent reliability through Accelerated Life Testing (ALT)
- Flame retardant (UL-94 V-0)
- Broad temperature range (-45°C to 120°C)
- Maintains environmental seal

Applications:

- Wireless infrastructure and microwave equipment
- High frequency cable connectors
- Telecommunications equipment
- High frequency portable electronic devices

When optimizing a gasket shielding solution, consider the housing design as well as the EMI gasket performance. Important considerations in the housing design include flatness, surface roughness, material type, rigidity, contact area, tolerance take-up, conductivity, fastener type, and fastener location. Key factors in an EMI gasket include softness, tolerance take-up, conductivity (DC resistance), and shielding effectiveness both before and after Accelerated Life Testing (ALT).



MOUSER STOCK NO.	Gore Part No.	Connector Type	Series	Shell Size	Thickness (mm)	Price Each			
						1	25	100	250
Die Cut Circular Gaskets - GS500									
880-EC05020NCC501508	EDC-05-020-NCC-501508	5015	---	8	0.508	.73	.48	.44	.40
880-EC05040NCC501508	EDC-05-040-NCC-501508	5015	---	8	1.016	.83	.55	.50	.45
880-EC05020NCC501510	EDC-05-020-NCC-501510	5015	---	10	0.508	.73	.48	.44	.40
880-EC05040NCC501510	EDC-05-040-NCC-501510	5015	---	10	1.016	.83	.55	.50	.45
880-EC05020NCC501512	EDC-05-020-NCC-501512	5015	---	12	0.508	1.19	.79	.72	.65
880-EC05040NCC501512	EDC-05-040-NCC-501512	5015	---	12	1.016	1.38	.91	.83	.75
880-EC05020NCC501514	EDC-05-020-NCC-501514	5015	---	14	0.508	1.19	.79	.72	.65
880-EC05040NCC501514	EDC-05-040-NCC-501514	5015	---	14	1.016	1.38	.91	.83	.75
880-EC05020NCC501516	EDC-05-020-NCC-501516	5015	---	16	0.508	1.31	.87	.79	.72
880-EC05040NCC501516	EDC-05-040-NCC-501516	5015	---	16	1.016	1.55	1.03	.94	.85
880-EC05020NCC501524	EDC-05-020-NCC-501524	5015	---	24	0.508	2.66	1.77	1.61	1.46
880-EC05040NCC501524	EDC-05-040-NCC-501524	5015	---	24	1.016	3.06	2.04	1.85	1.68
880-EC05020NCC389111	EDC-05-020-NCC-389111	38999	I, II, & IV	11/12	0.508	1.38	.91	.83	.75
880-EC05020NCC389311	EDC-05-020-NCC-389311	38999	III	11/12	0.508	1.38	.91	.83	.75
880-EC05040NCC389111	EDC-05-040-NCC-389111	38999	I, II, & IV	11/12	1.016	1.41	.94	.85	.77
880-EC05040NCC389311	EDC-05-040-NCC-389311	38999	III	11/12	1.016	1.41	.94	.85	.77
880-EC05020NCC389113	EDC-05-020-NCC-389113	38999	I, II, & IV	13/14	0.508	1.38	.91	.83	.75
880-EC05020NCC389313	EDC-05-020-NCC-389313	38999	III	13/14	0.508	1.38	.91	.83	.75
880-EC05040NCC389113	EDC-05-040-NCC-389113	38999	I, II, & IV	13/14	1.016	1.41	.94	.85	.77
880-EC05040NCC389313	EDC-05-040-NCC-389313	38999	III	13/14	1.016	1.41	.94	.85	.77
880-EC05020NCC389115	EDC-05-020-NCC-389115	38999	I, II, & IV	15/16	0.508	1.47	.98	.89	.81
880-EC05020NCC389315	EDC-05-020-NCC-389315	38999	III	15/16	0.508	1.47	.98	.89	.81
880-EC05040NCC389115	EDC-05-040-NCC-389115	38999	I, II, & IV	15/16	1.016	1.55	1.03	.94	.85
880-EC05040NCC389315	EDC-05-040-NCC-389315	38999	III	15/16	1.016	1.55	1.03	.94	.85
880-EC05020NCC389117	EDC-05-020-NCC-389117	38999	I, II, & IV	17/18	0.508	2.31	1.54	1.40	1.27
880-EC05020NCC389317	EDC-05-020-NCC-389317	38999	III	17/18	0.508	2.31	1.54	1.40	1.27
880-EC05040NCC389117	EDC-05-040-NCC-389117	38999	I, II, & IV	17/18	1.016	2.38	1.58	1.44	1.31
880-EC05040NCC389317	EDC-05-040-NCC-389317	38999	III	17/18	1.016	2.38	1.58	1.44	1.31
880-EC05020NCC389119	EDC-05-020-NCC-389119	38999	I, II, & IV	19/20	0.508	2.53	1.68	1.53	1.39
880-EC05020NCC389319	EDC-05-020-NCC-389319	38999	III	19/20	0.508	2.53	1.68	1.53	1.39
880-EC05040NCC389119	EDC-05-040-NCC-389119	38999	I, II, & IV	19/20	1.016	2.61	1.74	1.58	1.44
880-EC05040NCC389319	EDC-05-040-NCC-389319	38999	III	19/20	1.016	2.61	1.74	1.58	1.44
Die Cut D-Sub Gaskets - GS500									
880-EC05020NCC00D009	EDC-05-020-NCC-00D009	D-Sub	---	9 Pin	0.508	.65	.43	.39	.35
880-EC05020NCC00D015	EDC-05-020-NCC-00D015	D-Sub	---	15 Pin	0.508	.76	.51	.46	.42
880-EC05020NCC00D025	EDC-05-020-NCC-00D025	D-Sub	---	25 Pin	0.508	1.01	.67	.61	.55
Die Cut Circular Gaskets - GS2100									
880-EC21020NCM501508	EDC-21-020-NCM-501508	5015	---	8	0.508	1.18	.78	.71	.65
880-EC21040NCM501508	EDC-21-040-NCM-501508	5015	---	8	1.016	1.22	.82	.74	.67
880-EC21020NCM501510	EDC-21-020-NCM-501510	5015	---	10	0.508	1.18	.78	.71	.65
880-EC21040NCM501510	EDC-21-040-NCM-501510	5015	---	10	1.016	1.22	.82	.74	.67
880-EC21020NCM501512	EDC-21-020-NCM-501512	5015	---	12	0.508	1.93	1.28	1.16	1.06
880-EC21040NCM501512	EDC-21-040-NCM-501512	5015	---	12	1.016	1.97	1.31	1.19	1.08
880-EC21020NCM501514	EDC-21-020-NCM-501514	5015	---	14	0.508	1.93	1.28	1.16	1.06
880-EC21040NCM501514	EDC-21-040-NCM-501514	5015	---	14	1.016	2.00	1.33	1.21	1.10
880-EC21020NCM501516	EDC-21-020-NCM-501516	5015	---	16	0.508	2.16	1.44	1.31	1.19
880-EC21040NCM501516	EDC-21-040-NCM-501516	5015	---	16	1.016	2.26	1.50	1.37	1.25
880-EC21020NCM501524	EDC-21-020-NCM-501524	5015	---	24	0.508	4.32	2.88	2.62	2.38
880-EC21040NCM501524	EDC-21-040-NCM-501524	5015	---	24	1.016	4.52	3.01	2.74	2.48
880-EC21020NCM389111	EDC-21-020-NCM-389111	38999	I, II, & IV	11/12	0.508	1.97	1.31	1.19	1.08
880-EC21020NCM389311	EDC-21-020-NCM-389311	38999	III	11/12	0.508	1.97	1.31	1.19	1.08
880-EC21040NCM389111	EDC-21-040-NCM-389111	38999	I, II, & IV	11/12	1.016	2.09	1.39	1.26	1.14
880-EC21040NCM389311	EDC-21-040-NCM-389311	38999	III	11/12	1.016	2.09	1.39	1.26	1.14
880-EC21020NCM389113	EDC-21-020-NCM-389113	38999	I, II, & IV	13/14	0.508	2.00	1.33	1.21	1.10
880-EC21020NCM389313	EDC-21-020-NCM-389313	38999	III	13/14	0.508	2.00	1.33	1.21	1.10
880-EC21040NCM389113	EDC-21-040-NCM-389113	38999	I, II, & IV	13/14	1.016	2.09	1.39	1.26	1.14
880-EC21040NCM389313	EDC-21-040-NCM-389313	38999	III	13/14	1.016	2.09	1.39	1.26	1.14
880-EC21020NCM389115	EDC-21-020-NCM-389115	38999	I, II, & IV	15/16	0.508	2.16	1.44	1.31	1.19
880-EC21020NCM389315	EDC-21-020-NCM-389315	38999	III	15/16	0.508	2.16	1.44	1.31	1.19
880-EC21040NCM389115	EDC-21-040-NCM-389115	38999	I, II, & IV	15/16	1.016	2.26	1.50	1.37	1.25
880-EC21040NCM389315	EDC-21-040-NCM-389315	38999	III	15/16	1.016	2.26	1.50	1.37	1.25
880-EC21020NCM389117	EDC-21-020-NCM-389117	38999	I, II, & IV	17/18	0.508	3.38	2.26	2.05	1.86
880-EC21020NCM389317	EDC-21-020-NCM-389317	38999	III	17/18	0.508	3.38	2.26	2.05	1.86
880-EC21040NCM389117	EDC-21-040-NCM-389117	38999	I, II, & IV	17/18	1.016	3.53	2.35	2.14	1.94
880-EC21040NCM389317	EDC-21-040-NCM-389317	38999	III	17/18	1.016	3.53	2.35	2.14	1.94
880-EC21020NCM389119	EDC-21-020-NCM-389119	38999	I, II, & IV	19/20	0.508	3.73	2.48	2.26	2.05
880-EC21020NCM389319	EDC-21-020-NCM-389319	38999	III	19/20	0.508	3.73	2.48	2.26	2.05
880-EC21040NCM389119	EDC-21-040-NCM-389119	38999	I, II, & IV	19/20	1.016	3.89	2.59	2.35	2.14
880-EC21040NCM389319	EDC-21-040-NCM-389319	38999	III	19/20	1.016	3.89	2.59	2.35	2.14
Die Cut D-Sub Gaskets - GS2100									
880-EC21020NCM00D009	EDC-21-020-NCM-00D009	D-Sub	---	9 Pin	0.508	.90	.60	.54	.49
880-EC21020NCM00D015	EDC-21-020-NCM-00D015	D-Sub	---	15 Pin	0.508	1.14	.76	.68	.62
880-EC21020NCM00D025	EDC-21-020-NCM-00D025	D-Sub	---	25 Pin	0.508	1.50	1.00	.90	.82