

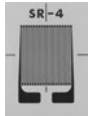
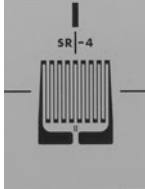
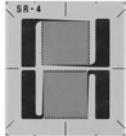
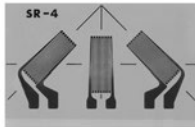


# SR-4<sup>®</sup> Strain Gages

## SR-4® (Constantan Foil, Polyimide Carrier) Strain Gages

Following is a representative listing of the most popular gage patterns formerly manufactured by BLH. For availability of other SR-4 strain gages in other patterns and series—including those for transducer applications—please contact the Applications Engineering Department.

GAGE PATTERN  RoHS COMPLIANT	DESIGNATION	RES. IN OHMS	DIMENSIONS— inches (millimeters)				
			GRID LENGTH	OVERALL LENGTH	GRID WIDTH	MATRIX	
						Length	Width
	FAE-25-12SX	120 ±0.2	0.250 (6.35)	0.350 (8.89)	0.125 (3.18)	0.548 (13.92)	0.250 (6.35)
	FAE-25-35SX	350 ±0.5	0.250 (6.35)	0.350 (8.89)	0.125 (3.18)	0.548 (13.92)	0.250 (6.35)
	FAE-25-100SX	1000 ±0.2	0.235 (5.97)	0.425 (10.79)	0.175 (4.44)	0.710 (18.03)	0.465 (11.81)
	FAE-12-12SX	120 ± 0.2	0.125 (3.18)	0.180 (4.57)	0.065 (1.65)	0.354 (8.99)	0.175 (4.45)
	FAE-12-35SX	350 ± 0.5	0.125 (3.18)	0.180 (4.57)	0.062 (1.57)	0.359 (9.12)	0.180 (4.57)
	FAE-12-100SX	1000 ± 0.2	0.125 (3.18)	0.180 (4.57)	0.062 (1.57)	0.364 (9.25)	0.185 (4.70)
	Half-Square Grid—General Purpose						
	FAE-12S-12SX	120 ± 0.2	0.122 (3.10)	0.190 (4.38)	0.125 (3.18)	0.364 (9.25)	0.240 (6.10)
	FAE-12S-35SX	350 ± 0.5	0.122 (3.10)	0.190 (4.38)	0.125 (3.18)	0.375 (9.53)	0.240 (6.10)
	FAE-06S-12SX	120 ± 0.2	0.062 (1.57)	0.130 (3.30)	0.062 (1.57)	0.308 (7.82)	0.180 (4.57)
	FAE-06S-35SX	350 ± 0.5	0.062 (1.57)	0.130 (3.30)	0.062 (1.57)	0.308 (7.82)	0.180 (4.57)
	Square Grid—High Power Dissipation						
	FAE-03W-12SX	120 ± 0.2	0.031 (0.79)	0.075 (1.90)	0.062 (1.57)	0.269 (6.83)	0.140 (3.56)
	FAE-03W-35SX	350 ± 0.5	0.031 (0.79)	0.075 (1.90)	0.062 (1.57)	0.269 (6.83)	0.152 (3.86)
	Wide Grid—General Purpose, Low Profile						
	FAET-12A-12SX	120 ± 0.2	0.125 (3.18)	0.245 (6.22)	0.125 (3.18)	0.475 (12.07)	0.460 (11.68)
	FAET-12A-35SX	350 ± 0.5	0.125 (3.18)	0.245 (6.22)	0.125 (3.18)	0.475 (12.07)	0.460 (11.68)
	Tee-Rosette—General Purpose						
	FAER-25B-12SX	120 ± 0.2	0.250 (6.35)	0.380 (9.65)	0.125 (3.18)	0.604 (15.34)	0.935 (23.75)
	FAER-25B-35SX	350 ± 0.5	0.250 (6.35)	0.385 (9.78)	0.125 (3.18)	0.600 (15.24)	0.935 (23.75)
	FAER-12B-12SX	120 ± 0.2	0.125 (3.18)	0.190 (4.77)	0.062 (1.57)	0.350 (8.89)	0.485 (12.32)
	FAER-12B-35SX	350 ± 0.5	0.125 (3.18)	0.190 (4.77)	0.062 (1.57)	0.355 (9.02)	0.500 (12.70)
	3 Element Rosette—45° Planar						