FSRTEK Sensor Technology · Master Product Selection Catalog

Official Engineering Overview · Standard FSR, Flexible Fabric & MATRIX Tactile Arrays (v2026)

Model	Category	Active Geometry	Force Range	Key Application
FA402	Standard FSR	Ø14.68 mm (Round)	100 g to 10 kg (0.98 N – 98 N)	The FA402 is FSRTEK's flagship single-point thick-film piezoresis...
FA408	Linear FSR	170.0 mm × 12.0 mm (Trimmable on-site)	100 g to 10 kg	The FA408 combines 1D position sensing with continuous normal for...
F01	Standard FSR	Ø38.5 mm (Round)	100 g to 10 kg (Optional up to 50kg)	The F01 provides an expanded Ø38.5 mm active sensing diameter, id...
F02	Standard FSR	19.1 mm × 19.7 mm (Square)	100 g to 15 kg	Square geometry force sensor engineered for keypad buttons, music...
FA101	Standard FSR	Ø3.8 mm (Active Dot)	100 g to 10 kg	Ultra-compact micro force sensor designed for wearable smart ring...
FA201	Standard FSR	Ø9.5 mm / Narrow Strip	100 g to 10 kg	High-temperature polyimide substrate FSR suited for automotive en...
FA301	Standard FSR	Ø9.5 mm	100 g to 10 kg	Compact circular force sensor with short tail for joystick click ...
FA400	Standard FSR	Ø15.7 mm	100 g to 10 kg	Short-tail circular sensor designed for direct surface mount or s...
FA401-A	Standard FSR	Ø25.4 mm (Square Active)	100 g to 10 kg	Medium square force sensor with robust solder-tab leads for hand ...
FA401-B	Standard FSR	Ø25.4 mm (Square Active)	100 g to 10 kg	Equipped with standard 2.54mm pitch female socket connector for r...
FA502-A	Standard FSR	38.1 mm × 38.1 mm	100 g to 10 kg	High-area rectangular sensor for foot pedal switches, athletic ju...
FA502-B	Standard FSR	38.1 mm × 38.1 mm	100 g to 10 kg	Large rectangular force sensor with convenient 2.54mm female conn...
Fabric-FMS 20090	Flexible Fabric	200 mm × 90 mm (Flexible Conductive Fabric)	20 g to 5 kg per taxel	Soft, washable, and highly breathable conductive textile pressure...

Fabric-ZWZD1616	Flexible Fabric	400 mm × 400 mm (256 Points)	50 g to 15 kg per taxel	Large-format breathable fabric matrix for wheelchair anti-decubit...
Matrix-16x16	Tactile Matrix Array	246 mm × 246 mm (16 × 16 Grid = 256 Points)	20 g to 10 kg per taxel	High-density 256-node tactile pressure mapping array. Paired with...
Matrix-60x60	Tactile Matrix Array	480 mm × 480 mm (60 × 60 Grid = 3,600 Points)	10 g to 8 kg per taxel	Industrial-grade ultra-high resolution tactile matrix capturing 3...

For detailed integration, 3D STEP models, and custom inquiries, visit www.fsrtek.com or email sales@fsrtek.com.