The 1 types · side-by-side

Distributor-facing reading. Each row gives best-for, key trade-off, capacity, price band, and how many of SPC's tier slots carry an option at that product type.

PRODUCT TYPE	BEST FOR	KEY TRADE-OFF	TYPICAL CAPACITY	PRICE BAND	BRANDS SPC CARRIES
Modular Aluminum Piping PUSH OR CLAMP JOINTS · NO THREAD, NO WELD, NO RUST	**Plant-wide air mains, fast install, no corrosion.** The plant header conversation: extruded aluminum pipe with mechanical O-ring joints replacing legacy black iron. Installs far faster, doesn't rust the bore, leak-tight at install and over time, reconfigurable in place. The compressed-air retrofit that pays for itself on the electric bill in 18-36 months.	PREMIUM MATERIALS COST OVER BLACK IRON Higher material cost than black iron, repaid in install labor, leak elimination, and lifetime energy. Pressure rating tiers down as diameter increases: confirm per-diameter rating against system pressure. Each brand's series covers a specific slice of diameter and connection-method axes.	~20-200 mm diameter · 230-300 PSIG typical Push-to-connect or clamp-to-connect	$$ – $$$	3 / 5 · AIGNEP + AIRPIPE + AST TRULINK

Reading the brand bench column: the bar shows how many of SPC's tier slots carry an option at that product type. Modular aluminum piping benches three brands: Aignep, AIRpipe, and AST TruLink: each series covering a specific slice of the diameter and connection-method (push-to-connect vs. clamp-to-connect) axes. The spec driver is per-diameter pressure rating against system pressure, since the rating tiers down as diameter increases. This is the plant-header retrofit conversation against legacy black iron, pitched on total cost of ownership, not material price.