

Expansion Joints & Flexible Connectors

Expansion joints, metal hose, and flex connectors for HVAC and industrial piping

MOVEMENT

Expansion joints and flex connectors for thermal growth and vibration.

PEER CLASS

Competes with Metraflex on many mechanical room specs.

CUSTOM

AHS helps size and tag assemblies for the job.

What to keep straight — first-pass orientation

- Movement, media, pressure, and end fittings define the cross — not diameter alone.
- Metraflex is the usual named peer for Unisource on AHS jobs.
- AHS orientation leave-behind — confirm with Unisource sizing.

Unisource vs Metraflex — where each one wins

	Unisource	Metraflex (typical)
Product	Expansion joints / hose / flex	Metraflex expansion & flex line
Best fit	Approved-equal + AHS sizing help	Named Metraflex specs

BID RULE OF THUMB

- Push Unisource when movement and media match and alternate is allowed.
- Do not force against Metraflex-only language without engineer approval.

First-pass crossover — confirm movement, media, pressure, and ends

Pump connectors and expansion joints are different duties — do not mix them up.

Duty	Unisource offer	Metraflex class	Talk track
Pump connector	Unisource flex connector	Metraflex pump connector	Vibration
Expansion joint	Unisource expansion joint	Metraflex expansion joint	Travel
Metal hose	Industrial metal hose	Peer metal hose	Length/ends
Custom assembly	Tagged Unisource assembly	Peer custom	Submittal

Spec language that kills a swap

- Metraflex-only specs.
- Wrong movement rating.
- Media incompatible with bellows/hose.

How we help you win the job

- Movement calculations help.
- Tag sheets & submittals.
- Package with valves/strainers.
- Local AHS follow-up.

NEXT STEP

Send line size, media, movement, and whether Metraflex is named.
AHS returns Unisource selection and Metraflex cross notes.
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