

TECHLITE | INSULATION™

TECHLITE.COM

*expertly engineered solutions™*

## FACTORY APPLIED JACKETED PIPE INSULATION

TECHLITE® melamine foam pipe insulation with its factory applied jacket reduces the labor to install by **up to 25%**. We offer solutions for heavy-duty insulation requirements in demanding, high abuse and harsh U.V. environments, as well as sanitary insulation systems for clean rooms, BioPharma, food processing, and more.

### PREMIER PRODUCT – LOWER COST

PREFORMED PIPE INSULATION PRICE COMPARISON  
1" WALL THICKNESS

IPS SIZE	PRICE PER LINEAR FOOT				
	TECHLITE® PIPE INSULATION			AP ARMAFLEX® PRICE	
	ASJ 79	379 SERIES	879 SERIES	PLAIN FOAM	PERCENT DIFFERENCE
1/2	\$5.02	\$8.51	\$5.95	\$5.08	17.13%
3/4	\$5.16	\$8.14	\$6.08	\$6.17	-1.46%
1	\$5.95	\$8.89	\$6.89	\$7.15	-3.64%
1 1/4	\$6.07	\$8.32	\$6.90	\$7.92	-12.88%
1 1/2	\$6.94	\$9.25	\$8.05	\$9.21	-12.59%
2	\$8.19	\$10.69	\$9.52	\$12.02	-20.80%
3	\$11.53	\$14.36	\$13.22	\$17.25	-23.36%
4	\$18.52	\$21.77	\$21.15	\$22.56	-6.25%
5	\$22.81	\$26.31	\$26.05	\$26.23	-0.69%
6	\$23.53	\$27.76	\$26.87	\$30.03	-10.52%

INSULATION FLAT SHEET PRICE COMPARISON

INSULATION THICKNESS	PRICE PER FT²		
	TECHLITE® INSULATION	AP ARMAFLEX®	PERCENT DIFFERENCE
1/2	\$2.15	\$3.93	-45.29%
1	\$3.28	\$7.15	-54.13%
1 1/2	\$4.86	\$11.12	-56.29%
2	\$6.05	\$13.47	-55.08%

SOURCE: [HTTP://WWW.ARMAFLEX.US/FILEADMIN/USER\\_UPLOAD/PRICE\\_LISTS/PL\\_APARMAFLEX.US.EN.2017.PDF](http://www.armacell.us/fileadmin/user_upload/PRICE_LISTS/PL_APARMAFLEX.US.EN.2017.PDF)  
AP ARMAFLEX IS A REGISTERED TRADEMARK OF ARMAFLEX

TECHLITE® IS TRUSTED AROUND THE WORLD BY:

HERSHEY'S



# WHY FACTORY APPLIED JACKETING?

## TECHLITE® REDUCES LABOR COSTS UP TO 25%

MAN-HOURS PER LINEAR FOOT			
PIPE SIZE	INSULATION ONLY	INSULATION WITH FACTORY APPLIED JACKET	INSULATION WITH FIELD APPLIED JACKET
2" X 2"	0.23	0.33	0.45
6" X 2"	0.30	0.47	0.58
10" X 2"	0.36	0.54*	0.71
APPROX. % OF	50%	75%	100%

\*Projected

The above table sums up a study that shows the significant savings in terms of man-hours that results from using factory applied jacketing verses conventional jacketing which is applied in the field. The evaluation was performed on overhead piping at indoor chemical plant facilities. Savings will be greater at non-chemical facilities where pipes typically have a simpler layout. The evaluation was made on factory applied SSL/ASJ jacketing.

Table shows total **labor is reduced by approximately 25%** when using factory applied jacketing.

## WE DO WHAT OTHERS CAN'T. OR WON'T.

## SEE WHY TECHLITE® IS THE **REAL LEADER** IN INSULATION

PRODUCT/MATERIAL	FIBER-FREE	NON-HAZARDOUS / ITC-FREE	NON-CORROSIVE / FOR USE ON STAINLESS STEEL TUBING	FACTORY SUPPLIED ELBOWS AND TEES AVAILABLE	EASE OF INSTALL / REDUCED LABOR COST	AVAILABLE WITH COLOR CODED FACTORY APPLIED JACKET	FDA/USDA COMPLIANT WITH FACTORY APPLIED JACKET	FT/LENGTH OF PIPE INSULATION	TEMPERATURE RANGE	THERMAL CONDUCTIVITY AT 75° F (k factor)	ASTM E 84 RATING
<b>TECHLITE® Foam</b>	✓	✓	✓	✓	Easy	✓	✓	48"	-297°F to 350°F	0.25	Class A (25/50)
Fiberglass	No	No	✓	No	Medium	No	No	36"	0°F to 1000°F	0.23	Class A (25/50)
Cellular Glass	✓	No	✓	No	Difficult	No	No	24"	-450°F to 900°F	0.29	Class A (25/50)
Elastomeric Foam (ARMACELL)	✓	No	✓	No	Easy	No	No	48"	-297°F to 220°F	0.25	Class A (25/50)
Mineral Wool	No	No	✓	No	Medium	No	No	36"	Up to 1200°F	0.22	Class A (25/50)
Polyisocyanurate	✓	✓	Varies	No	Easy	No	No	36"	-297°F to 300°F	0.19	Class A (25/50)
Kynar PVDF based foam (T-Tube)	✓	✓	✓	✓	Medium-Difficult	No	Unknown	Unknown	-112°F to 320°F	Unknown	Class A (25/50)