

WORKING TEMPERATURE

CONTINUOUS: 1000°F / 535°C

WALL THICKNESS

- 1/16" (1.5 mm)

ADDED VALUE

- REACH & RoHS compliant
- Extensive stock for short lead times
- Economical system protection
- Completely, 100% asbestos-free

MATERIAL COMPOSITION

- Highly texturized E-Glass fiber
- Light-walled thermal protection
- Tightly braided insulating sleeve
- Extremely expandable and flexible

THERMAL PROTECTION:

- Will not melt or burn
- High ambient temperature
- Does not support combustion

APPLICATIONS

- Light-duty thermal insulation for wires, cables, pipes, hoses, etc.
- Can be used as primary insulation layer beneath Pyrotex S/G Firesleeve

AVAILABILITY

- Pyrotherm LW is a stock product, allowing for a fast turnaround time



PYROTHERM LW

LIGHT WALL THERMAL SLEEVE



- Highly flexible and lightweight protective sleeve
- Protects hoses, wires, cables, etc. from thermal degradation in industrial, automotive, and appliance applications
- High-bulk E-Glass braid provides extraordinary expansion and conformability
- Good resistance to most common industrial chemicals and solvents

Product Description

Pyrotherm Lightwall (LW) sleeving provides cost-effective thermal protection and insulation for assemblies in many applications and industries. Manufactured with high-bulk fiberglass, Pyrotherm LW is a highly flexible and expandable, lightweight and versatile braided protective sleeving solution.

Pyrotherm LW withstands continuous exposure to temperatures of 1000°F, is resistant to common industrial fluids and chemicals, and is a completely asbestos-free, non-hazardous insulation sleeve. Pyrotherm LW is used as a standalone insulating sleeve, layered within an assembly (BOP hoses), and used as a primary insulation layer beneath Pyrotex SG Firesleeve.

Material Resistivity

- High temperatures = Excellent
- Flexibility = Excellent
- Oil resistance = Very Good
- Water resistance = Very Good
- Hydraulic fluid resistance = Very Good
- Solvent resistance = Very Good
- Fuel resistance = Very Good
- Wear resistance = Good

PYROTHERM LW SLEEVE PART NUMBERS

NOMINAL ID		PYROTHERM LW
1/4"	6mm	LW04200
3/8"	10mm	LW06200
1/2"	13mm	LW08200
5/8"	16mm	LW10200
3/4"	19mm	LW12200
7/8"	22mm	LW14200
1"	25mm	LW16200
1-1/4"	32mm	LW20200
1-1/2"	38mm	LW24200
1-3/4"	44mm	LW28200
2"	51mm	LW32200
2-1/2"	64mm	LW40200
3"	76mm	LW48200
3-1/2"	89mm	LW56200
4"	102mm	LW64200