

# ▶ Premium Quality Thermoglass™ Tapes

## DESCRIPTION



**Amatex Premium Quality Thermoglass™ Tapes** are carefully woven and sized using fiberglass yarns. Premium quality tapes are resistant to most chemicals, possess great strength and flexibility and are recommended to be used at surface temperatures ranging from 120°F to 1000°F.



## APPLICATIONS



- ◆ Lagging of All Types
- ◆ Pipe Insulation Wrap
- ◆ Electrical Insulation
- ◆ Thermal Insulation
- ◆ Expansion Joints

⇒ **Thermoglass™ conforms to US Coast Guard requirements for Incombustible Materials subpart 164.009**

⇒ **Supplied to conform to MIL-DTL-24244D, Type 18**

## FEATURES



- ◆ Temperature tolerance up to 1000° F (538°C)
- ◆ Will not burn, smolder or support flame
- ◆ Retains 50% tensile strength at 700° F & as much as 25% at 1000°F
- ◆ Does not stretch or shrink and remains stable
- ◆ Highest strength to weight ratio of industrial textiles
- ◆ High dielectric strength and low constants
- ◆ Resistant to most chemicals and solvents
- ◆ Fine glass filaments allow great flexibility
- ◆ May be provided in loom stage or heat treated



Amatex Corporation "Heat Resistant Textiles"  
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# ▶ Premium Quality Thermoglass™ Tapes

| Premium Quality |      |            |            |            |            |            |
|-----------------|------|------------|------------|------------|------------|------------|
|                 |      | G19P752    | G36P752    | G65P752    | G120P752   | G180P752   |
| Tape Thickness  |      | 1/32"      | 1/16"      | 1/8"       | 1/4"       | 9/32"      |
| Width           | Code | Lbs./100ft | Lbs./100ft | Lbs./100ft | Lbs./100ft | Lbs./100ft |
| 3/8"            | 02   | —          | 0.7        | —          | —          | —          |
| 1/2"            | 04   | 0.5        | 1.0        | *2.2       | —          | —          |
| 3/4"            | 06   | 0.7        | 1.6        | 3.2        | —          | —          |
| 1"              | 08   | 1.0        | 2.1        | *4.2       | 9.8        | 10.8       |
| 1 1/4"          | 09   | 1.2        | 2.6        | 5.2        | 12.3       | 13.6       |
| 1 1/2"          | 10   | 1.4        | *3.0       | *6.2       | 14.6       | 16.1       |
| 2"              | 12   | 1.9        | *4.1       | *8.2       | 19.5       | 21.5       |
| 2 1/2"          | 14   | 2.4        | *5.1       | *10.2      | 24.4       | 26.8       |
| 3"              | 16   | 2.8        | *6.2       | *12.2      | 29.3       | 32.2       |
| 3 1/2"          | 18   | 3.3        | 7.3        | 14.2       | 34.9       | 37.5       |
| 4"              | 20   | 3.8        | 8.2        | 16.5       | 39.0       | 43.0       |
| 5"              | 21   | 4.7        | 10.3       | 20.5       | 48.8       | 53.6       |
| 6"              | 22   | 5.7        | 12.3       | 24.5       | 54.7       | 64.4       |
| 7"              | 46   | 6.6        | 14.4       | 28.7       | 68.4       | MTO        |
| 8"              | 23   | —          | 16.4       | 32.7       | 78.2       | MTO        |
| 9"              | 72   | —          | 18.5       | 36.9       | 88.0       | MTO        |
| 10"             | 80   | —          | 20.6       | 41.1       | 97.8       | 102.3      |
| 11              | 88   | —          | 22.7       | 45.3       | 107.6      | —          |
| 12"             | 96   | —          | 24.8       | 50.0       | 117.4      | 129.0      |

\*\* Two 50ft. Rolls packaged together  
 -Drop Wrap tape available for G36, G65  
 -G19, G36, G65 are always heat treated

-Standard roll lengths 100ft unless otherwise specified  
 -Weight and Size Tolerance +/- 10%  
 -G65 is manufactured to MIL-C-20079H. Type II, Class 4  
 -G19, G36, G65 & G120 can be tested to MIL-DTL-24284D Type XVIII

**All premium tapes can be vermiculite (2000° F)  
 Silicone, PTFE, coated and color dyed available  
 Pressure sensitive tape 1/2"-3" available**



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