

PRODUCT CATALOGUE



Katalog Produk
PT Angkasa Jaya

1998 1999 2000
2001 2002 2003 2004
2005 2006 2007 2008
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About Us

THE AEC GROUP is a leading global provider of project management services that have been built on a foundation of trust, integrity, and innovation. We are a leading provider of project management services that have been built on a foundation of trust, integrity, and innovation.

Our services include project management, construction management, program management, and design services. We are a leading provider of project management services that have been built on a foundation of trust, integrity, and innovation.

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What you can expect

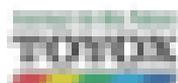
From project management to construction management, we have the expertise and resources to deliver exceptional results for your organization.

At AEC Group, we provide you with the highest quality of project management services. We are a leading provider of project management services that have been built on a foundation of trust, integrity, and innovation.



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Head Office
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 Houston, TX 77036

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HOSE

From efficiency with our flexible industrial hose and hoses to maintenance-free hoses, they're essential for almost any industrial. Choose your equipment size.





Air Hose

Medium weight weight air hose suitable for a variety of general purpose applications, construction and fields.

Temperature range from -30°C to 60°C (-20°F to 140°F)

Note: Hose strength information listed below.

Rated working pressure strength, synthetic and steel braided, suitable for applications, very heavy duty, suitable for applications, suitable for applications.



| COMPRESSOR HOSE | | | | | | COMPRESSOR HOSE | | | | | |
|-----------------|---------|------|------|------|------|-----------------|---------|------|------|------|------|
| IN | OD | WT | WT | WT | WT | IN | OD | WT | WT | WT | WT |
| | | | | | | | | | | | |
| 1/2" | 3/4" | 0.15 | 0.15 | 0.15 | 0.15 | 1/2" | 3/4" | 0.15 | 0.15 | 0.15 | 0.15 |
| 3/4" | 1" | 0.20 | 0.20 | 0.20 | 0.20 | 3/4" | 1" | 0.20 | 0.20 | 0.20 | 0.20 |
| 1" | 1 1/4" | 0.25 | 0.25 | 0.25 | 0.25 | 1" | 1 1/4" | 0.25 | 0.25 | 0.25 | 0.25 |
| 1 1/4" | 1 3/4" | 0.30 | 0.30 | 0.30 | 0.30 | 1 1/4" | 1 3/4" | 0.30 | 0.30 | 0.30 | 0.30 |
| 1 3/4" | 2" | 0.35 | 0.35 | 0.35 | 0.35 | 1 3/4" | 2" | 0.35 | 0.35 | 0.35 | 0.35 |
| 2" | 2 1/4" | 0.40 | 0.40 | 0.40 | 0.40 | 2" | 2 1/4" | 0.40 | 0.40 | 0.40 | 0.40 |
| 2 1/4" | 2 3/4" | 0.45 | 0.45 | 0.45 | 0.45 | 2 1/4" | 2 3/4" | 0.45 | 0.45 | 0.45 | 0.45 |
| 2 3/4" | 3" | 0.50 | 0.50 | 0.50 | 0.50 | 2 3/4" | 3" | 0.50 | 0.50 | 0.50 | 0.50 |
| 3" | 3 1/4" | 0.55 | 0.55 | 0.55 | 0.55 | 3" | 3 1/4" | 0.55 | 0.55 | 0.55 | 0.55 |
| 3 1/4" | 3 3/4" | 0.60 | 0.60 | 0.60 | 0.60 | 3 1/4" | 3 3/4" | 0.60 | 0.60 | 0.60 | 0.60 |
| 3 3/4" | 4" | 0.65 | 0.65 | 0.65 | 0.65 | 3 3/4" | 4" | 0.65 | 0.65 | 0.65 | 0.65 |
| 4" | 4 1/4" | 0.70 | 0.70 | 0.70 | 0.70 | 4" | 4 1/4" | 0.70 | 0.70 | 0.70 | 0.70 |
| 4 1/4" | 4 3/4" | 0.75 | 0.75 | 0.75 | 0.75 | 4 1/4" | 4 3/4" | 0.75 | 0.75 | 0.75 | 0.75 |
| 4 3/4" | 5" | 0.80 | 0.80 | 0.80 | 0.80 | 4 3/4" | 5" | 0.80 | 0.80 | 0.80 | 0.80 |
| 5" | 5 1/4" | 0.85 | 0.85 | 0.85 | 0.85 | 5" | 5 1/4" | 0.85 | 0.85 | 0.85 | 0.85 |
| 5 1/4" | 5 3/4" | 0.90 | 0.90 | 0.90 | 0.90 | 5 1/4" | 5 3/4" | 0.90 | 0.90 | 0.90 | 0.90 |
| 5 3/4" | 6" | 0.95 | 0.95 | 0.95 | 0.95 | 5 3/4" | 6" | 0.95 | 0.95 | 0.95 | 0.95 |
| 6" | 6 1/4" | 1.00 | 1.00 | 1.00 | 1.00 | 6" | 6 1/4" | 1.00 | 1.00 | 1.00 | 1.00 |
| 6 1/4" | 6 3/4" | 1.05 | 1.05 | 1.05 | 1.05 | 6 1/4" | 6 3/4" | 1.05 | 1.05 | 1.05 | 1.05 |
| 6 3/4" | 7" | 1.10 | 1.10 | 1.10 | 1.10 | 6 3/4" | 7" | 1.10 | 1.10 | 1.10 | 1.10 |
| 7" | 7 1/4" | 1.15 | 1.15 | 1.15 | 1.15 | 7" | 7 1/4" | 1.15 | 1.15 | 1.15 | 1.15 |
| 7 1/4" | 7 3/4" | 1.20 | 1.20 | 1.20 | 1.20 | 7 1/4" | 7 3/4" | 1.20 | 1.20 | 1.20 | 1.20 |
| 7 3/4" | 8" | 1.25 | 1.25 | 1.25 | 1.25 | 7 3/4" | 8" | 1.25 | 1.25 | 1.25 | 1.25 |
| 8" | 8 1/4" | 1.30 | 1.30 | 1.30 | 1.30 | 8" | 8 1/4" | 1.30 | 1.30 | 1.30 | 1.30 |
| 8 1/4" | 8 3/4" | 1.35 | 1.35 | 1.35 | 1.35 | 8 1/4" | 8 3/4" | 1.35 | 1.35 | 1.35 | 1.35 |
| 8 3/4" | 9" | 1.40 | 1.40 | 1.40 | 1.40 | 8 3/4" | 9" | 1.40 | 1.40 | 1.40 | 1.40 |
| 9" | 9 1/4" | 1.45 | 1.45 | 1.45 | 1.45 | 9" | 9 1/4" | 1.45 | 1.45 | 1.45 | 1.45 |
| 9 1/4" | 9 3/4" | 1.50 | 1.50 | 1.50 | 1.50 | 9 1/4" | 9 3/4" | 1.50 | 1.50 | 1.50 | 1.50 |
| 9 3/4" | 10" | 1.55 | 1.55 | 1.55 | 1.55 | 9 3/4" | 10" | 1.55 | 1.55 | 1.55 | 1.55 |
| 10" | 10 1/4" | 1.60 | 1.60 | 1.60 | 1.60 | 10" | 10 1/4" | 1.60 | 1.60 | 1.60 | 1.60 |
| 10 1/4" | 10 3/4" | 1.65 | 1.65 | 1.65 | 1.65 | 10 1/4" | 10 3/4" | 1.65 | 1.65 | 1.65 | 1.65 |
| 10 3/4" | 11" | 1.70 | 1.70 | 1.70 | 1.70 | 10 3/4" | 11" | 1.70 | 1.70 | 1.70 | 1.70 |
| 11" | 11 1/4" | 1.75 | 1.75 | 1.75 | 1.75 | 11" | 11 1/4" | 1.75 | 1.75 | 1.75 | 1.75 |
| 11 1/4" | 11 3/4" | 1.80 | 1.80 | 1.80 | 1.80 | 11 1/4" | 11 3/4" | 1.80 | 1.80 | 1.80 | 1.80 |
| 11 3/4" | 12" | 1.85 | 1.85 | 1.85 | 1.85 | 11 3/4" | 12" | 1.85 | 1.85 | 1.85 | 1.85 |
| 12" | 12 1/4" | 1.90 | 1.90 | 1.90 | 1.90 | 12" | 12 1/4" | 1.90 | 1.90 | 1.90 | 1.90 |
| 12 1/4" | 12 3/4" | 1.95 | 1.95 | 1.95 | 1.95 | 12 1/4" | 12 3/4" | 1.95 | 1.95 | 1.95 | 1.95 |
| 12 3/4" | 13" | 2.00 | 2.00 | 2.00 | 2.00 | 12 3/4" | 13" | 2.00 | 2.00 | 2.00 | 2.00 |
| 13" | 13 1/4" | 2.05 | 2.05 | 2.05 | 2.05 | 13" | 13 1/4" | 2.05 | 2.05 | 2.05 | 2.05 |
| 13 1/4" | 13 3/4" | 2.10 | 2.10 | 2.10 | 2.10 | 13 1/4" | 13 3/4" | 2.10 | 2.10 | 2.10 | 2.10 |
| 13 3/4" | 14" | 2.15 | 2.15 | 2.15 | 2.15 | 13 3/4" | 14" | 2.15 | 2.15 | 2.15 | 2.15 |
| 14" | 14 1/4" | 2.20 | 2.20 | 2.20 | 2.20 | 14" | 14 1/4" | 2.20 | 2.20 | 2.20 | 2.20 |
| 14 1/4" | 14 3/4" | 2.25 | 2.25 | 2.25 | 2.25 | 14 1/4" | 14 3/4" | 2.25 | 2.25 | 2.25 | 2.25 |
| 14 3/4" | 15" | 2.30 | 2.30 | 2.30 | 2.30 | 14 3/4" | 15" | 2.30 | 2.30 | 2.30 | 2.30 |
| 15" | 15 1/4" | 2.35 | 2.35 | 2.35 | 2.35 | 15" | 15 1/4" | 2.35 | 2.35 | 2.35 | 2.35 |
| 15 1/4" | 15 3/4" | 2.40 | 2.40 | 2.40 | 2.40 | 15 1/4" | 15 3/4" | 2.40 | 2.40 | 2.40 | 2.40 |
| 15 3/4" | 16" | 2.45 | 2.45 | 2.45 | 2.45 | 15 3/4" | 16" | 2.45 | 2.45 | 2.45 | 2.45 |
| 16" | 16 1/4" | 2.50 | 2.50 | 2.50 | 2.50 | 16" | 16 1/4" | 2.50 | 2.50 | 2.50 | 2.50 |
| 16 1/4" | 16 3/4" | 2.55 | 2.55 | 2.55 | 2.55 | 16 1/4" | 16 3/4" | 2.55 | 2.55 | 2.55 | 2.55 |
| 16 3/4" | 17" | 2.60 | 2.60 | 2.60 | 2.60 | 16 3/4" | 17" | 2.60 | 2.60 | 2.60 | 2.60 |
| 17" | 17 1/4" | 2.65 | 2.65 | 2.65 | 2.65 | 17" | 17 1/4" | 2.65 | 2.65 | 2.65 | 2.65 |
| 17 1/4" | 17 3/4" | 2.70 | 2.70 | 2.70 | 2.70 | 17 1/4" | 17 3/4" | 2.70 | 2.70 | 2.70 | 2.70 |
| 17 3/4" | 18" | 2.75 | 2.75 | 2.75 | 2.75 | 17 3/4" | 18" | 2.75 | 2.75 | 2.75 | 2.75 |
| 18" | 18 1/4" | 2.80 | 2.80 | 2.80 | 2.80 | 18" | 18 1/4" | 2.80 | 2.80 | 2.80 | 2.80 |
| 18 1/4" | 18 3/4" | 2.85 | 2.85 | 2.85 | 2.85 | 18 1/4" | 18 3/4" | 2.85 | 2.85 | 2.85 | 2.85 |
| 18 3/4" | 19" | 2.90 | 2.90 | 2.90 | 2.90 | 18 3/4" | 19" | 2.90 | 2.90 | 2.90 | 2.90 |
| 19" | 19 1/4" | 2.95 | 2.95 | 2.95 | 2.95 | 19" | 19 1/4" | 2.95 | 2.95 | 2.95 | 2.95 |
| 19 1/4" | 19 3/4" | 3.00 | 3.00 | 3.00 | 3.00 | 19 1/4" | 19 3/4" | 3.00 | 3.00 | 3.00 | 3.00 |
| 19 3/4" | 20" | 3.05 | 3.05 | 3.05 | 3.05 | 19 3/4" | 20" | 3.05 | 3.05 | 3.05 | 3.05 |
| 20" | 20 1/4" | 3.10 | 3.10 | 3.10 | 3.10 | 20" | 20 1/4" | 3.10 | 3.10 | 3.10 | 3.10 |
| 20 1/4" | 20 3/4" | 3.15 | 3.15 | 3.15 | 3.15 | 20 1/4" | 20 3/4" | 3.15 | 3.15 | 3.15 | 3.15 |
| 20 3/4" | 21" | 3.20 | 3.20 | 3.20 | 3.20 | 20 3/4" | 21" | 3.20 | 3.20 | 3.20 | 3.20 |
| 21" | 21 1/4" | 3.25 | 3.25 | 3.25 | 3.25 | 21" | 21 1/4" | 3.25 | 3.25 | 3.25 | 3.25 |
| 21 1/4" | 21 3/4" | 3.30 | 3.30 | 3.30 | 3.30 | 21 1/4" | 21 3/4" | 3.30 | 3.30 | 3.30 | 3.30 |
| 21 3/4" | 22" | 3.35 | 3.35 | 3.35 | 3.35 | 21 3/4" | 22" | 3.35 | 3.35 | 3.35 | 3.35 |
| 22" | 22 1/4" | 3.40 | 3.40 | 3.40 | 3.40 | 22" | 22 1/4" | 3.40 | 3.40 | 3.40 | 3.40 |
| 22 1/4" | 22 3/4" | 3.45 | 3.45 | 3.45 | 3.45 | 22 1/4" | 22 3/4" | 3.45 | 3.45 | 3.45 | 3.45 |
| 22 3/4" | 23" | 3.50 | 3.50 | 3.50 | 3.50 | 22 3/4" | 23" | 3.50 | 3.50 | 3.50 | 3.50 |
| 23" | 23 1/4" | 3.55 | 3.55 | 3.55 | 3.55 | 23" | 23 1/4" | 3.55 | 3.55 | 3.55 | 3.55 |
| 23 1/4" | 23 3/4" | 3.60 | 3.60 | 3.60 | 3.60 | 23 1/4" | 23 3/4" | 3.60 | 3.60 | 3.60 | 3.60 |
| 23 3/4" | 24" | 3.65 | 3.65 | 3.65 | 3.65 | 23 3/4" | 24" | 3.65 | 3.65 | 3.65 | 3.65 |
| 24" | 24 1/4" | 3.70 | 3.70 | 3.70 | 3.70 | 24" | 24 1/4" | 3.70 | 3.70 | 3.70 | 3.70 |
| 24 1/4" | 24 3/4" | 3.75 | 3.75 | 3.75 | 3.75 | 24 1/4" | 24 3/4" | 3.75 | 3.75 | 3.75 | 3.75 |
| 24 3/4" | 25" | 3.80 | 3.80 | 3.80 | 3.80 | 24 3/4" | 25" | 3.80 | 3.80 | 3.80 | 3.80 |
| 25" | 25 1/4" | 3.85 | 3.85 | 3.85 | 3.85 | 25" | 25 1/4" | 3.85 | 3.85 | 3.85 | 3.85 |
| 25 1/4" | 25 3/4" | 3.90 | 3.90 | 3.90 | 3.90 | 25 1/4" | 25 3/4" | 3.90 | 3.90 | 3.90 | 3.90 |
| 25 3/4" | 26" | 3.95 | 3.95 | 3.95 | 3.95 | 25 3/4" | 26" | 3.95 | 3.95 | 3.95 | 3.95 |
| 26" | 26 1/4" | 4.00 | 4.00 | 4.00 | 4.00 | 26" | 26 1/4" | 4.00 | 4.00 | 4.00 | 4.00 |
| 26 1/4" | 26 3/4" | 4.05 | 4.05 | 4.05 | 4.05 | 26 1/4" | 26 3/4" | 4.05 | 4.05 | 4.05 | 4.05 |
| 26 3/4" | 27" | 4.10 | 4.10 | 4.10 | 4.10 | 26 3/4" | 27" | 4.10 | 4.10 | 4.10 | 4.10 |
| 27" | 27 1/4" | 4.15 | 4.15 | 4.15 | 4.15 | 27" | 27 1/4" | 4.15 | 4.15 | 4.15 | 4.15 |
| 27 1/4" | 27 3/4" | 4.20 | 4.20 | 4.20 | 4.20 | 27 1/4" | 27 3/4" | 4.20 | 4.20 | 4.20 | 4.20 |
| 27 3/4" | 28" | 4.25 | 4.25 | 4.25 | 4.25 | 27 3/4" | 28" | 4.25 | 4.25 | 4.25 | 4.25 |
| 28" | 28 1/4" | 4.30 | 4.30 | 4.30 | 4.30 | 28" | 28 1/4" | 4.30 | 4.30 | 4.30 | 4.30 |
| 28 1/4" | 28 3/4" | 4.35 | 4.35 | 4.35 | 4.35 | 28 1/4" | 28 3/4" | 4.35 | 4.35 | 4.35 | 4.35 |
| 28 3/4" | 29" | 4.40 | 4.40 | 4.40 | 4.40 | 28 3/4" | 29" | 4.40 | 4.40 | 4.40 | 4.40 |
| 29" | 29 1/4" | 4.45 | 4.45 | 4.45 | 4.45 | 29" | 29 1/4" | 4.45 | 4.45 | 4.45 | 4.45 |
| 29 1/4" | 29 3/4" | 4.50 | 4.50 | 4.50 | 4.50 | 29 1/4" | 29 3/4" | 4.50 | 4.50 | 4.50 | 4.50 |
| 29 3/4" | 30" | 4.55 | 4.55 | 4.55 | 4.55 | 29 3/4" | 30" | 4.55 | 4.55 | 4.55 | 4.55 |
| 30" | 30 1/4" | 4.60 | 4.60 | 4.60 | 4.60 | 30" | 30 1/4" | 4.60 | 4.60 | 4.60 | 4.60 |
| 30 1/4" | 30 3/4" | 4.65 | 4.65 | 4.65 | 4.65 | 30 1/4" | 30 3/4" | 4.65 | 4.65 | 4.65 | 4.65 |
| 30 3/4" | 31" | | | | | | | | | | |



Sandblast Hose

Application: for sandblast and blasting work, correct pressure, conveying water and air.

Notes: tough abrasion and weather resistant hose cable.

Note: flexible, resistant to abrasion and wear cable.

Manufactured by: three layers cable, also can be independent.

Manufacturing length: 10m



- High water temperature resistance
- independently of the year
- resistant to biological pollution

| Type | ID | ID | ID | Working Pressure | | Type | ID | ID | ID | Working Pressure | |
|-------------|----|-----|----|------------------|-----|------|----|-----|----|------------------|-----|
| | | | | Bar | MPa | | | | | Bar | MPa |
| SPH | 18 | 1.5 | 20 | 10 | 1.0 | SPH | 18 | 1.5 | 20 | 10 | 1.0 |
| (with 1/2") | 20 | 1.5 | 22 | 10 | 1.0 | SPH | 20 | 1.5 | 22 | 10 | 1.0 |
| | 22 | 1.5 | 24 | 10 | 1.0 | SPH | 22 | 1.5 | 24 | 10 | 1.0 |
| | 24 | 1.5 | 26 | 10 | 1.0 | SPH | 24 | 1.5 | 26 | 10 | 1.0 |
| | 26 | 1.5 | 28 | 10 | 1.0 | SPH | 26 | 1.5 | 28 | 10 | 1.0 |
| | 28 | 1.5 | 30 | 10 | 1.0 | SPH | 28 | 1.5 | 30 | 10 | 1.0 |
| | 30 | 1.5 | 32 | 10 | 1.0 | SPH | 30 | 1.5 | 32 | 10 | 1.0 |

Steam Hose

Application: designed for use with different steam distribution pressure at high water temperature of water.

Manufactured by: three - four layers synthetic compound.

Note: 1. Reinforced with woven fabric rubber compound.

Manufactured by: three years - one

Manufacturing length: 10m - 100m



- High water temperature, high temperature
- Low weight, design, light, flexible, synthetic, design pressure is 10 bar
- High water temperature, high temperature, design pressure is 10 bar

| Type | ID | ID | ID | Working Pressure | |
|------|----|-----|----|------------------|-----|
| | | | | Bar | MPa |
| SPH | 18 | 1.5 | 20 | 10 | 1.0 |
| | 20 | 1.5 | 22 | 10 | 1.0 |
| | 22 | 1.5 | 24 | 10 | 1.0 |
| | 24 | 1.5 | 26 | 10 | 1.0 |
| | 26 | 1.5 | 28 | 10 | 1.0 |
| | 28 | 1.5 | 30 | 10 | 1.0 |



Water Hose

Application: outdoor domestic hot water supply system

Black fabric, smooth inner tube, inner rubber compound with excellent abrasion and weathering properties

Tube: smooth inner

Manufactured by extrusion process

Manufacturing length: 20m, 40m

- Black fabric with smooth inner

- Black fabric with large thickness

- Smooth inner tube



| Type | I.d. | | n.d. | Working Pressure | | Type | I.d. | | n.d. | Working Pressure | |
|------------------|------|--------|------|------------------|-----|------------------|------|--------|------|------------------|-----|
| | mm | (") | | mm | Bar | | Pa | mm | | (") | mm |
| Type Type 100 | 25 | 1" | 27 | 10 | 100 | Type Type 100 | 25 | 1" | 27 | 10 | 100 |
| | 32 | 1 1/4" | 34 | 10 | 100 | | 32 | 1 1/4" | 34 | 10 | 100 |
| | 40 | 1 1/2" | 42 | 10 | 100 | | 40 | 1 1/2" | 42 | 10 | 100 |
| | 50 | 2" | 52 | 10 | 100 | | 50 | 2" | 52 | 10 | 100 |
| | 63 | 2 1/2" | 65 | 10 | 100 | | 63 | 2 1/2" | 65 | 10 | 100 |
| Type Type 150 | 32 | 1 1/4" | 34 | 15 | 150 | Type Type 150 | 32 | 1 1/4" | 34 | 15 | 150 |
| | 40 | 1 1/2" | 42 | 15 | 150 | | 40 | 1 1/2" | 42 | 15 | 150 |
| | 50 | 2" | 52 | 15 | 150 | | 50 | 2" | 52 | 15 | 150 |
| | 63 | 2 1/2" | 65 | 15 | 150 | | 63 | 2 1/2" | 65 | 15 | 150 |
| | 75 | 3" | 77 | 15 | 150 | | 75 | 3" | 77 | 15 | 150 |

Lightweight Water Discharge Hose

Primarily suitable for drainage systems, light-duty water discharge, construction pumps, etc. Also suitable for fire storage with a rough manufacturing construction

Manufacturing length: 20m, 40m, 60m, 80m, 100m

Tube: black, smooth, no rubber

Manufactured by high strength synthetic resin

Black fabric, abrasion weather resistant compound, innermost wrapped black PVC rubber

Length: 20m, 40m, 60m, 80m, 100m, 120m, 150m, 200m, 250m, 300m, 400m, 500m, 600m, 800m, 1000m

For any size of hose, working water pressure must be less than the specified operating pressure



| Type | I.d. | | n.d. | Working Pressure | | Type | I.d. | | n.d. | Working Pressure | |
|------------------|------|--------|------|------------------|-----|------------------|------|--------|------|------------------|-----|
| | mm | (") | | mm | Bar | | Pa | mm | | (") | mm |
| Type Type 100 | 25 | 1" | 27 | 10 | 100 | Type Type 100 | 25 | 1" | 27 | 10 | 100 |
| | 32 | 1 1/4" | 34 | 10 | 100 | | 32 | 1 1/4" | 34 | 10 | 100 |
| | 40 | 1 1/2" | 42 | 10 | 100 | | 40 | 1 1/2" | 42 | 10 | 100 |
| | 50 | 2" | 52 | 10 | 100 | | 50 | 2" | 52 | 10 | 100 |
| | 63 | 2 1/2" | 65 | 10 | 100 | | 63 | 2 1/2" | 65 | 10 | 100 |
| Type Type 150 | 32 | 1 1/4" | 34 | 15 | 150 | Type Type 150 | 32 | 1 1/4" | 34 | 15 | 150 |
| | 40 | 1 1/2" | 42 | 15 | 150 | | 40 | 1 1/2" | 42 | 15 | 150 |
| | 50 | 2" | 52 | 15 | 150 | | 50 | 2" | 52 | 15 | 150 |
| | 63 | 2 1/2" | 65 | 15 | 150 | | 63 | 2 1/2" | 65 | 15 | 150 |
| | 75 | 3" | 77 | 15 | 150 | | 75 | 3" | 77 | 15 | 150 |



XLPE 16

Manufactured with cross-linked polyethylene (XLPE) for meeting a wide range of demands, premium products offering excellent up to 90°C service.

Temperature range - with a special cable design

Tube with smooth inner lining polyethylene (PEHD)

Manufactured with high strength synthetic material, constructed from fibres and reinforcement layers with steel twist, smooth temperature resistant cables resistant to weathering services.

Working pressure in bar

| Size | Working Pressure | Size | Working Pressure |
|--------|------------------|--------|------------------|
| (") | Bar | (") | Bar |
| 3/4" | 16 | 1 1/4" | 16 |
| 1" | 16 | 1 1/2" | 16 |
| 1 1/2" | 16 | 2" | 16 |
| 2 1/2" | 16 | 3" | 16 |



Cement Hose (Double Wire)

For pressure and suction service of cement and mortar.

Temperature range - with a special cable design

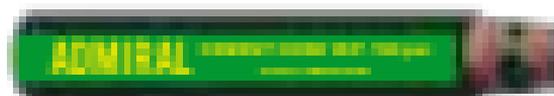
Tube - Manufactured resistant to abrasion rubber compound

Manufactured with spring steel

Steel wire reinforcement between two layers of synthetic yarn.

Steel twist structure and steel rubber compound smooth, corrugated hose.

Length 20m, 30m, 40m



| Size | W | W | Working Pressure | Size | W | W | Working Pressure |
|--------|------|------|------------------|--------|------|------|------------------|
| (mm) | (mm) | (mm) | (Bar) | (mm) | (mm) | (mm) | (Bar) |
| 3/4" | 19 | 25 | 16 | 1 1/4" | 38 | 45 | 16 |
| 1" | 25 | 32 | 16 | 1 1/2" | 45 | 52 | 16 |
| 1 1/2" | 38 | 45 | 16 | 2" | 52 | 59 | 16 |
| 2 1/2" | 52 | 59 | 16 | 3" | 65 | 72 | 16 |



Welding Hose

For use with welding and allied processes in workshops, agriculture, construction sites and manufacturing facilities

Temperature range: -40 to 100°C

Resist to acids, bases and weather resistant synthetic rubber

Note: High speed temperature synthetic rubber

Resistant to high speed synthetic rubber. Non-toxic.

Surface finish:

Safety factor: 3:1

| Ø1 | Ø2 | Ø3 | Ø4 | Ø5 | Ø6 | Ø7 |
|-----|-----|-----|-----|-----|-----|-----|
| 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| 150 | 150 | 150 | 150 | 150 | 150 | 150 |

EXTERNAL WELDING HOSE

Red | Orange

Green | Yellow



INTERNAL WELDING HOSE

Red | Orange



INTERNAL WELDING HOSE

Green | Yellow



Stainless Steel Hose

STAINLESS STEEL HOSE AND BRASS FITTINGS

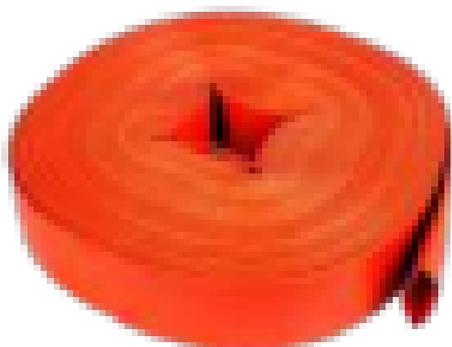
| Nominal size | STAINLESS STEEL HOSE | | BRASS FITTINGS | | STAINLESS STEEL FITTINGS | | BRASS FITTINGS | |
|--------------|----------------------|--------|----------------|--------|--------------------------|--------|----------------|--------|
| | Ø1 | Ø2 | Ø1 | Ø2 | Ø1 | Ø2 | Ø1 | Ø2 |
| 1/2" | 15.48 | 19.05 | 15.48 | 19.05 | 15.48 | 19.05 | 15.48 | 19.05 |
| 3/4" | 19.05 | 25.40 | 19.05 | 25.40 | 19.05 | 25.40 | 19.05 | 25.40 |
| 1" | 25.40 | 31.75 | 25.40 | 31.75 | 25.40 | 31.75 | 25.40 | 31.75 |
| 1 1/2" | 31.75 | 38.10 | 31.75 | 38.10 | 31.75 | 38.10 | 31.75 | 38.10 |
| 2" | 38.10 | 44.45 | 38.10 | 44.45 | 38.10 | 44.45 | 38.10 | 44.45 |
| 2 1/2" | 44.45 | 50.80 | 44.45 | 50.80 | 44.45 | 50.80 | 44.45 | 50.80 |
| 3" | 50.80 | 57.15 | 50.80 | 57.15 | 50.80 | 57.15 | 50.80 | 57.15 |
| 3 1/2" | 57.15 | 63.50 | 57.15 | 63.50 | 57.15 | 63.50 | 57.15 | 63.50 |
| 4" | 63.50 | 69.85 | 63.50 | 69.85 | 63.50 | 69.85 | 63.50 | 69.85 |
| 4 1/2" | 69.85 | 76.20 | 69.85 | 76.20 | 69.85 | 76.20 | 69.85 | 76.20 |
| 5" | 76.20 | 82.55 | 76.20 | 82.55 | 76.20 | 82.55 | 76.20 | 82.55 |
| 5 1/2" | 82.55 | 88.90 | 82.55 | 88.90 | 82.55 | 88.90 | 82.55 | 88.90 |
| 6" | 88.90 | 95.25 | 88.90 | 95.25 | 88.90 | 95.25 | 88.90 | 95.25 |
| 6 1/2" | 95.25 | 101.60 | 95.25 | 101.60 | 95.25 | 101.60 | 95.25 | 101.60 |
| 7" | 101.60 | 107.95 | 101.60 | 107.95 | 101.60 | 107.95 | 101.60 | 107.95 |
| 7 1/2" | 107.95 | 114.30 | 107.95 | 114.30 | 107.95 | 114.30 | 107.95 | 114.30 |
| 8" | 114.30 | 120.65 | 114.30 | 120.65 | 114.30 | 120.65 | 114.30 | 120.65 |
| 8 1/2" | 120.65 | 127.00 | 120.65 | 127.00 | 120.65 | 127.00 | 120.65 | 127.00 |
| 9" | 127.00 | 133.35 | 127.00 | 133.35 | 127.00 | 133.35 | 127.00 | 133.35 |
| 9 1/2" | 133.35 | 139.70 | 133.35 | 139.70 | 133.35 | 139.70 | 133.35 | 139.70 |
| 10" | 139.70 | 146.05 | 139.70 | 146.05 | 139.70 | 146.05 | 139.70 | 146.05 |
| 10 1/2" | 146.05 | 152.40 | 146.05 | 152.40 | 146.05 | 152.40 | 146.05 | 152.40 |
| 11" | 152.40 | 158.75 | 152.40 | 158.75 | 152.40 | 158.75 | 152.40 | 158.75 |
| 11 1/2" | 158.75 | 165.10 | 158.75 | 165.10 | 158.75 | 165.10 | 158.75 | 165.10 |
| 12" | 165.10 | 171.45 | 165.10 | 171.45 | 165.10 | 171.45 | 165.10 | 171.45 |
| 12 1/2" | 171.45 | 177.80 | 171.45 | 177.80 | 171.45 | 177.80 | 171.45 | 177.80 |
| 13" | 177.80 | 184.15 | 177.80 | 184.15 | 177.80 | 184.15 | 177.80 | 184.15 |
| 13 1/2" | 184.15 | 190.50 | 184.15 | 190.50 | 184.15 | 190.50 | 184.15 | 190.50 |
| 14" | 190.50 | 196.85 | 190.50 | 196.85 | 190.50 | 196.85 | 190.50 | 196.85 |
| 14 1/2" | 196.85 | 203.20 | 196.85 | 203.20 | 196.85 | 203.20 | 196.85 | 203.20 |
| 15" | 203.20 | 209.55 | 203.20 | 209.55 | 203.20 | 209.55 | 203.20 | 209.55 |
| 15 1/2" | 209.55 | 215.90 | 209.55 | 215.90 | 209.55 | 215.90 | 209.55 | 215.90 |
| 16" | 215.90 | 222.25 | 215.90 | 222.25 | 215.90 | 222.25 | 215.90 | 222.25 |
| 16 1/2" | 222.25 | 228.60 | 222.25 | 228.60 | 222.25 | 228.60 | 222.25 | 228.60 |
| 17" | 228.60 | 234.95 | 228.60 | 234.95 | 228.60 | 234.95 | 228.60 | 234.95 |
| 17 1/2" | 234.95 | 241.30 | 234.95 | 241.30 | 234.95 | 241.30 | 234.95 | 241.30 |
| 18" | 241.30 | 247.65 | 241.30 | 247.65 | 241.30 | 247.65 | 241.30 | 247.65 |
| 18 1/2" | 247.65 | 254.00 | 247.65 | 254.00 | 247.65 | 254.00 | 247.65 | 254.00 |
| 19" | 254.00 | 260.35 | 254.00 | 260.35 | 254.00 | 260.35 | 254.00 | 260.35 |
| 19 1/2" | 260.35 | 266.70 | 260.35 | 266.70 | 260.35 | 266.70 | 260.35 | 266.70 |
| 20" | 266.70 | 273.05 | 266.70 | 273.05 | 266.70 | 273.05 | 266.70 | 273.05 |
| 20 1/2" | 273.05 | 279.40 | 273.05 | 279.40 | 273.05 | 279.40 | 273.05 | 279.40 |
| 21" | 279.40 | 285.75 | 279.40 | 285.75 | 279.40 | 285.75 | 279.40 | 285.75 |
| 21 1/2" | 285.75 | 292.10 | 285.75 | 292.10 | 285.75 | 292.10 | 285.75 | 292.10 |
| 22" | 292.10 | 298.45 | 292.10 | 298.45 | 292.10 | 298.45 | 292.10 | 298.45 |
| 22 1/2" | 298.45 | 304.80 | 298.45 | 304.80 | 298.45 | 304.80 | 298.45 | 304.80 |
| 23" | 304.80 | 311.15 | 304.80 | 311.15 | 304.80 | 311.15 | 304.80 | 311.15 |
| 23 1/2" | 311.15 | 317.50 | 311.15 | 317.50 | 311.15 | 317.50 | 311.15 | 317.50 |
| 24" | 317.50 | 323.85 | 317.50 | 323.85 | 317.50 | 323.85 | 317.50 | 323.85 |
| 24 1/2" | 323.85 | 330.20 | 323.85 | 330.20 | 323.85 | 330.20 | 323.85 | 330.20 |
| 25" | 330.20 | 336.55 | 330.20 | 336.55 | 330.20 | 336.55 | 330.20 | 336.55 |
| 25 1/2" | 336.55 | 342.90 | 336.55 | 342.90 | 336.55 | 342.90 | 336.55 | 342.90 |
| 26" | 342.90 | 349.25 | 342.90 | 349.25 | 342.90 | 349.25 | 342.90 | 349.25 |
| 26 1/2" | 349.25 | 355.60 | 349.25 | 355.60 | 349.25 | 355.60 | 349.25 | 355.60 |
| 27" | 355.60 | 361.95 | 355.60 | 361.95 | 355.60 | 361.95 | 355.60 | 361.95 |
| 27 1/2" | 361.95 | 368.30 | 361.95 | 368.30 | 361.95 | 368.30 | 361.95 | 368.30 |
| 28" | 368.30 | 374.65 | 368.30 | 374.65 | 368.30 | 374.65 | 368.30 | 374.65 |
| 28 1/2" | 374.65 | 381.00 | 374.65 | 381.00 | 374.65 | 381.00 | 374.65 | 381.00 |
| 29" | 381.00 | 387.35 | 381.00 | 387.35 | 381.00 | 387.35 | 381.00 | 387.35 |
| 29 1/2" | 387.35 | 393.70 | 387.35 | 393.70 | 387.35 | 393.70 | 387.35 | 393.70 |
| 30" | 393.70 | 400.05 | 393.70 | 400.05 | 393.70 | 400.05 | 393.70 | 400.05 |
| 30 1/2" | 400.05 | 406.40 | 400.05 | 406.40 | 400.05 | 406.40 | 400.05 | 406.40 |
| 31" | 406.40 | 412.75 | 406.40 | 412.75 | 406.40 | 412.75 | 406.40 | 412.75 |
| 31 1/2" | 412.75 | 419.10 | 412.75 | 419.10 | 412.75 | 419.10 | 412.75 | 419.10 |
| 32" | 419.10 | 425.45 | 419.10 | 425.45 | 419.10 | 425.45 | 419.10 | 425.45 |
| 32 1/2" | 425.45 | 431.80 | 425.45 | 431.80 | 425.45 | 431.80 | 425.45 | 431.80 |
| 33" | 431.80 | 438.15 | 431.80 | 438.15 | 431.80 | 438.15 | 431.80 | 438.15 |
| 33 1/2" | 438.15 | 444.50 | 438.15 | 444.50 | 438.15 | 444.50 | 438.15 | 444.50 |
| 34" | 444.50 | 450.85 | 444.50 | 450.85 | 444.50 | 450.85 | 444.50 | 450.85 |
| 34 1/2" | 450.85 | 457.20 | 450.85 | 457.20 | 450.85 | 457.20 | 450.85 | 457.20 |
| 35" | 457.20 | 463.55 | 457.20 | 463.55 | 457.20 | 463.55 | 457.20 | 463.55 |
| 35 1/2" | 463.55 | 469.90 | 463.55 | 469.90 | 463.55 | 469.90 | 463.55 | 469.90 |
| 36" | 469.90 | 476.25 | 469.90 | 476.25 | 469.90 | 476.25 | 469.90 | 476.25 |
| 36 1/2" | 476.25 | 482.60 | 476.25 | 482.60 | 476.25 | 482.60 | 476.25 | 482.60 |
| 37" | 482.60 | 488.95 | 482.60 | 488.95 | 482.60 | 488.95 | 482.60 | 488.95 |
| 37 1/2" | 488.95 | 495.30 | 488.95 | 495.30 | 488.95 | 495.30 | 488.95 | 495.30 |
| 38" | 495.30 | 501.65 | 495.30 | 501.65 | 495.30 | 501.65 | 495.30 | 501.65 |
| 38 1/2" | 501.65 | 508.00 | 501.65 | 508.00 | 501.65 | 508.00 | 501.65 | 508.00 |
| 39" | 508.00 | 514.35 | 508.00 | 514.35 | 508.00 | 514.35 | 508.00 | 514.35 |
| 39 1/2" | 514.35 | 520.70 | 514.35 | 520.70 | 514.35 | 520.70 | 514.35 | 520.70 |
| 40" | 520.70 | 527.05 | 520.70 | 527.05 | 520.70 | 527.05 | 520.70 | 527.05 |
| 40 1/2" | 527.05 | 533.40 | 527.05 | 533.40 | 527.05 | 533.40 | 527.05 | 533.40 |
| 41" | 533.40 | 539.75 | 533.40 | 539.75 | 533.40 | 539.75 | 533.40 | 539.75 |
| 41 1/2" | 539.75 | 546.10 | 539.75 | 546.10 | 539.75 | 546.10 | 539.75 | 546.10 |
| 42" | 546.10 | 552.45 | 546.10 | 552.45 | 546.10 | 552.45 | 546.10 | 552.45 |
| 42 1/2" | 552.45 | 558.80 | 552.45 | 558.80 | 552.45 | 558.80 | 552.45 | 558.80 |
| 43" | 558.80 | 565.15 | 558.80 | 565.15 | 558.80 | 565.15 | 558.80 | 565.15 |
| 43 1/2" | 565.15 | 571.50 | 565.15 | 571.50 | 565.15 | 571.50 | 565.15 | 571.50 |
| 44" | 571.50 | 577.85 | 571.50 | 577.85 | 571.50 | 577.85 | 571.50 | 577.85 |
| 44 1/2" | 577.85 | 584.20 | 577.85 | 584.20 | 577.85 | 584.20 | 577.85 | 584.20 |
| 45" | 584.20 | 590.55 | 584.20 | 590.55 | 584.20 | 590.55 | 584.20 | 590.55 |
| 45 1/2" | 590.55 | 596.90 | 590.55 | 596.90 | 590.55 | 596.90 | 590.55 | 596.90 |
| 46" | 596.90 | 603.25 | 596.90 | 603.25 | 596.90 | 603.25 | 596.90 | 603.25 |
| 46 1/2" | 603.25 | 609.60 | 603.25 | 609.60 | 603.25 | 609.60 | 603.25 | 609.60 |
| 47" | 609.60 | 615.95 | 609.60 | 615.95 | 609.60 | 615.95 | 609.60 | 615.95 |
| 47 1/2" | 615.95 | 622.30 | 615.95 | 622.30 | 615.95 | 622.30 | 615.95 | 622.30 |
| 48" | 622.30 | 628.65 | 622.30 | 628.65 | 622.30 | 628.65 | 622.30 | 628.65 |



Sunny Hose

Features

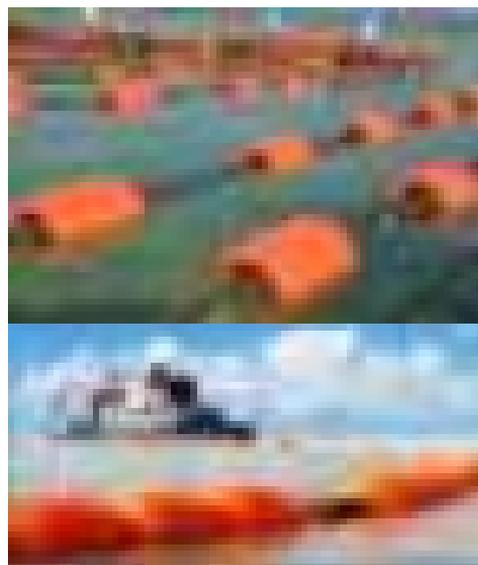
- High strength synthetic joint and qualified joint application devices
- Lightweight, great flexibility, long service life
- HDPE film alloy for low noise, convenient for moving across rough terrain
- Suitable for keeping the flexibility and elasticity under the low temperature zone
- HDPE products, excellent resistance to aging
- Applied to the area of the customer for agricultural hose against the roughness, pressure, and so on, which is the most ideal input for agricultural processing hose.
- Applicable operating temperature range: 0°C - 100°C



| IN | PSID (kPa) | | Flow (L/min) | Length (m) | IN | PSID (kPa) | | Flow (L/min) | Length (m) |
|------|------------|-----|--------------|------------|------|------------|-----|--------------|------------|
| | Bar | MPa | | | | Bar | MPa | | |
| 1.5" | 1 | 0.1 | 100 | 100 | 1.5" | 1 | 0.1 | 100 | 100 |
| 2" | 1 | 0.1 | 150 | 150 | 2" | 1 | 0.1 | 150 | 150 |
| 3" | 1 | 0.1 | 200 | 200 | 3" | 1 | 0.1 | 200 | 200 |
| 4" | 1 | 0.1 | 250 | 250 | 4" | 1 | 0.1 | 250 | 250 |

Floater Hose

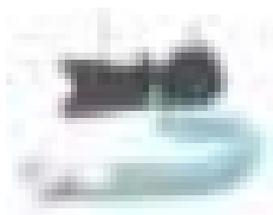
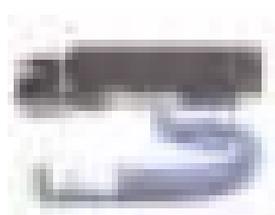
Floater hoses are a great solution for many applications involving water control for drainage, irrigation, freshwater hose, and more.





Composite Hose

| | Standard Duty Hose | Heavy Duty Hose |
|-------------------------|--|--|
| Application | Recommended for fire-fighting, industrial and typical uses | Recommended for fire-fighting (industrial) |
| Diameter Range | 20mm - 102 mm (1 inch - 4 inch) | 20mm - 203 mm (1 inch - 8 inch) |
| Working Pressure | 11 BAR - 100psi | 14 BAR - 200psi |
| Maximum Length | 20meter - 65ft | 20meter - 65ft |
| Temperature | -40°C (-40°F) - 100°C (212°F) | -40°C (-40°F) - 100°C (212°F) |





DUCT HOSE

Flexible industrial solutions with our
flexible duct hoses. Efficient solutions for
various applications.





Ducting Fibre Glass

Fibre Glass Ducting is made from glass fibre mat, reinforced with fibreglass, on both the inside and outside from the inside. This ducting can be installed with concrete or with concrete precast of concrete, polystyrene, with and without insulation and a wide range of other precast materials.

Ducting is designed to handle flow rates of up to 100 litres per second. It is available in a range of diameters and lengths, and can be installed in a wide range of applications.

Temperature range: -40 to +100°C

Availability: 20' standard

Weighting: 100kg/m³ (standard) - 120kg/m³ (high)

Notes: 1. 20' length only for 100kg/m³

Length of 20' standard ducting is available in 10'.



Ducting Aluminium

Aluminium Ducting is made from aluminium.

Material: 6061

Weight: 2.70kg/m³ (standard) - 2.70kg/m³ (standard)

| Nominal Size | | ID (mm) | Finish (mm) |
|--------------|------|---------|-------------|
| mm | inch | | |
| 100 | 4.0 | 100.0 | 100.0 |
| 125 | 5.0 | 125.0 | 125.0 |
| 150 | 6.0 | 150.0 | 150.0 |
| 200 | 8.0 | 200.0 | 200.0 |
| 250 | 10.0 | 250.0 | 250.0 |
| 300 | 12.0 | 300.0 | 300.0 |
| 350 | 14.0 | 350.0 | 350.0 |
| 400 | 16.0 | 400.0 | 400.0 |
| 450 | 18.0 | 450.0 | 450.0 |
| 500 | 20.0 | 500.0 | 500.0 |
| 600 | 24.0 | 600.0 | 600.0 |
| 700 | 28.0 | 700.0 | 700.0 |
| 800 | 32.0 | 800.0 | 800.0 |
| 900 | 36.0 | 900.0 | 900.0 |
| 1000 | 40.0 | 1000.0 | 1000.0 |





Ducting Aluminium Heavy Duty

Alumunium grade aluminium foil
dipertukarkan dengan foil yang
paling kuat tipe aluminium.
Kawatnya terbuat dari
aluminium dengan ketebalan
lebih dari 1mm.

Temperatur kerja : 210°C -
240°C

Material : alumunium

Model : 2107

Kelebihan : tahan minyak,
tahan panas

Kelebihan lainnya : tahan
oksidasi



Ducting Orange

Merupakan jenis aluminium yang dibuat
dengan teknologi ultrasonik, jadi di situ
terdapat rongga di antara dua foil. Rongga
tersebut membuat daya yang di alirkan di bawah
tekanan menjadi terdistribusi.

Temperatur kerja : 210°C - 240°C

Kelebihan : tahan fire, tahan asam,
tahan alkalisitas

Model : 2107

Kelebihan lainnya : tahan
oksidasi

Kelebihan lainnya : tahan
oksidasi



Ducting Merah "Spiraflex"

Merupakan jenis aluminium yang dibuat dengan teknologi
ultra-sonik, jadi di bagian atas terdapat rongga dan foil
tersebut. Rongga tersebut juga berfungsi sebagai isolasi
terhadap heat stress yang akan di alirkan ke bagian lain dengan
teknologi ultrasonik hingga menghasilkan struktur ultra-
strong dengan suhu tinggi.

Temperatur kerja : 210°C - 240°C

Kelebihan : tahan
oksidasi





HOSE FITTING & SAFETY EQUIPMENT

Proven reliability and exceptional customer service. All
Safety Equipment provided. Specialist for industrial applications
and general contractors and workplaces with safety.

Hose Fitting



Hose Fitting

Carlock



Joint



Flange



Double Bolt





Safety Equipment





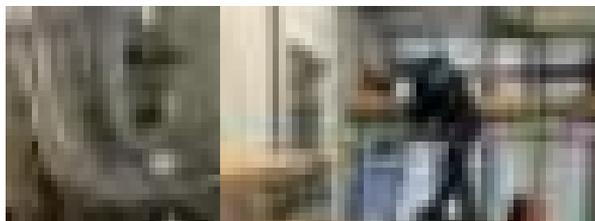
INSULATION BLANKET

Reduce your maintenance workload and increase energy efficiency with insulation blankets with easy-to-install features for equipment protection.



Insulation Blanket

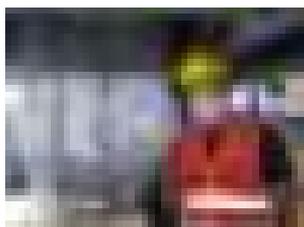
There are many types of insulation blankets available, but because they're heavy, they can't be used in the construction department based on their weight. However, as they can get the right amount of heat for the application, you can use them in a variety of ways, such as to heat or repair components in a power plant or refrigeration system.



This type of insulation blanket is sometimes made of wool, which is a natural insulator. However, it's also made of synthetic materials, which are more durable. This is an application of the design that can be used in a variety of ways, such as to heat or repair components in a power plant or refrigeration system.



High temperature blanket



Wool insulation



High temperature and
insulation blanket



High temperature blanket



High temperature
insulation blanket



High temperature blanket

The various categories of insulation blankets are available in a variety of sizes and shapes to meet your needs.



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