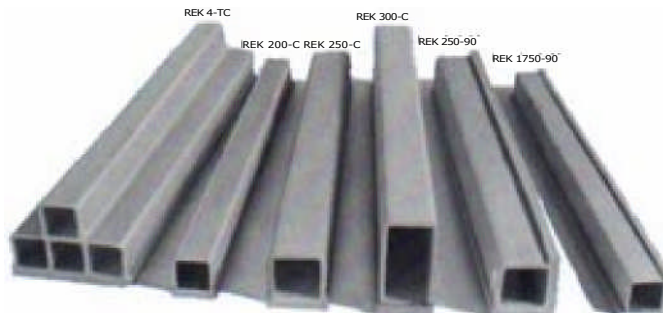


LAMINATED STRUCTURAL TUBING

MAXIMUM STRENGTH RELIABLE SUPPORT

Quality fiberglass epoxy backup support components, such as structural tubes, are



an important part of building checking fixtures, vacuum forming dies or other similar tooling. We provide a complete selection of round and square laminated tubes.

All tubes are made of 7500 treated cloth 38" to 50" wide. They all contain multiple layers of fiberglass or graphite cloth impregnated with epoxy resins. A special rolling process and thorough inspection procedures insure uniform wall thickness in every component. As with our panels, both room temperature and high-temperature materials are available.

Hawkeye also offers graphite tubing as an alternate to graphite honeycomb and flat stock.

Fiberglass Support Tubing 180

Uses

Construction of tooling support trusses
Stiffening structures
Operating temp. up to 180°F (82°C)

Sizes

Rnd: 1" to 1 3/4" OD 8' X 10' Standard
Sq: 1" to 2 1/2" OD Other sizes available
Other sizes available

Length

8' X 10' Standard
Other sizes available

Fiberglass Support Tubing 350/425

Uses

Construction of tooling support
Stiffening structures
Operating temp. up to 425°F (218°C)

Sizes

Rnd: 1" to 1 3/4" OD 8' X 10' Standard
Sq: 1" to 2 1/2" OD Other sizes available upon request

Length

8' X 10' Standard
Other sizes available upon request

NOTE: Technical information furnished by HAWKEYE is based upon laboratory findings and believed to be correct. No warranties of any kind are made except that materials supplied are HAWKEYE standard quality. All risk and liability arising from handling, storage and use of HAWKEYE products, as well as compliance with applicable legal restrictions rests with the buyer.

DATA SHEET

LAMINATED STRUCTURAL TUBING

MAXIMUM STRENGTH RELIABLE SUPPORT



Carbon Fiber Angles

Made from multiple layers of carbon fiber or fiberglass. Manufactured in a steel die and pressed to give flatness and uniformity. Carbon fiber angles are available for low- temperature operations up to 450. F (232.C).

Uses

To tie in composite tooling plates for basing.

Sizes

1", 2", up to 6"

Carbon Fiber Structural Tubing

Multiple layers of carbon fiber or fiberglass. Impregnated with epoxy resins. Molded and compressed in a closed die for flatness and squareness.

Uses

Stiffening structures for support of composite tooling
Available in 180.F (82.C)
and 400.F (204.C)

Sizes

2" and 4" Sq. O.D.

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MAXIMUM STRENGTH RELIABLE SUPPORT



REK 1750-R REK 200-S REK 250-S REK 200-R REK 200-S

Aluminum Bonded Fiberglass Support Tubing 180.

Our lower temperature square structural tubing is bonded with aluminum casting resins and is intended for operating temperatures up to 180°F (82°C).

Uses

Construction of
tooling support
trusses
Stiffening structures
Operating temp. up to
180°F (82°C)

Sizes

Rnd: 1" to 1 3/4" OD 8' X 10' Standard
Sq: 1" to 2 1/2" OD Other sizes available
Other sizes available

Lengths

Other sizes available
Other sizes available

Support Tubing Bonded with Aluminum Filled Casting Resins. 350./425.

Our square structural tubing is bonded with aluminum filled casting resin for use in customized configurations which may be used for special operating temperatures up to 350.F (176.C) and 425.F (232.C).

Uses

Construction of
tooling support
Stiffening structures
Operating temp. up to
425°F (218°C)

Sizes

Rnd: 1" to 1 3/4" OD 8' X 10' Standard
Sq. 1" to 2 1/2" OD

Lengths

Other sizes
available upon
request

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