

Thomson TB-210

Superior general service compression packing for rotating equipment and valve applications



FEATURES / BENEFITS

- Non-asbestos - reduced handling costs.
- Non-abrasive - reduced wear on sleeves.
- Wide pH range - less inventory.
- Flexible braid - conformable, pliable - easy to install.

TYPICAL APPLICATIONS

Style TB-210 is a versatile compression packing typically used in pumps, mixers and agitators in medium speeds, and a broad range of acids and caustics.

In valve service, the flexibility of the braid lends itself to applications such as large knife gate valves used in Pulp and Paper industries.

SPECIFICATIONS

Construction:

Kynol® phenolic fiber yarn impregnated with PTFE suspensoid and proprietary inert break in lubricant. Square interbraid.

Temperature:

To 500°F (260°C)

Pressure:

To 500 psi (34 bar)

For higher pressures e.g. reciprocating pumps, please contact A.R. Thomson Group.

Speed:

2000 fpm (10 m/s)

pH range:

1–13

See reverse for ordering information.

ORDERING INFORMATION - TB-210

Specify Thomson style, size and quantity (lbs) required.

Size	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
Approx. (ft/lb)	24.4	18.2	12	8.8	6.9	4.6	3.2	2.4	1.9
Std pkg (lbs)	2	2	2/5	5	5	5	10	10	10

Also available in metric sizes, die formed pre-packaged sets, and specialty cut lengths.
Contact A.R. Thomson Group for any special requirements.

SHAFT SPEED CONVERSION CALCULATIONS

Feet per minute (fpm)	Meter per second (m/s)
Shaft / sleeve diameter (in) x RPM x 0.262 = fpm	Shaft / sleeve diameter (in) x RPM x 0.0013299 = m/s
Shaft / sleeve diameter (mm) x RPM x 0.0103 = fpm	Shaft / sleeve diameter (mm) x RPM x 0.0000524 = m/s

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