

Thomson SS-78



Abrasion-resistant slurry service, rotating equipment, and valve stem compression packing.

FEATURES / BENEFITS

- High strength, high pressure capability - longer life.
- Chemical compatibility - reduces inventory costs.
- Excellent thermal stability.

TYPICAL APPLICATIONS

- Highly abrasive media, high pressure applications, slurries, mining tailings pumps, brines, effluent treatment.
- Compatible with mild acids, mild caustics, oils, low pressure steam, waste water, pulp and paper applications.
- Worn equipment with damaged sleeves, sever radial run out or bent shaft conditions - very resistant to extrusion.
- Very high strength and durable Aramid filament fibers.

SPECIFICATIONS

Construction:

Aramid filament fiber/PTFE dispersion. Square interbraid.

Max Speed:

2000 fpm (10 m/s)

Temperatures:

-200°F (-128°C) to 550°F (288°C)

Max Pressure:

To 500+ psi (34 bar).

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

pH range:

3–11

ORDERING INFORMATION - SS-78

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

Size	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
Approx. (ft/lb)	23.1	12.8	9.1	7.3	6.2	4.8	4.2	2.9	2.1	1.5
Std pkg (lbs)	2/5	1/2/5	2/5/10/25	5	5/10	5	5/10/50	10/25/50	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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