



Next level **Technology**

Power Generation

Brochure 2027



**TRUSTED
PERFORMANCE
PROVEN
RELIABILITY**



**ENGINEERED
FOR POWER
BUILT
TO LAST**



**EXTREME TEMPERATURE
RESISTANCE**



**CHEMICAL & CORROSION
RESISTANT**



**SUPERIOR SEALING
PERFORMANCE**



**HIGH PRESSURE
CAPABILITY**



**IDEAL FOR POWER
STATION APPLICATIONS**



AIGI HIGH QUALITY PACKINGS

RELIABLE SEALING. A CLEANER TOMORROW.



TRUSTED
PERFORMANCE
IN POWER
GENERATION



HIGH
TEMPERATURE
RESISTANCE



RELIABLE
SEALING



LONG
SERVICE LIFE



ENVIRONMENTALLY
CONSCIOUS

AIGI 22 Power Station Packing

DATA SHEET
STM071387 - STM0714611



PROPERTIES

Color	Black
Temperature	570°C
PH Range	PH 0-14
Max. Liner speed	15 m/s
Pressure	250Kg/cm2 (3625 PSI)



SERVICE MEDIA & CONDITIONS

Pumps and valves against steam, water, solvents, acids and alkalies



APPLICATION

Wide range for general sealing applications: Pumps, mixers, refiners, Valves, Agitators and other rotating equipment.



HIGH STRENGTH | HIGH PURITY | MAXIMUM RELIABILITY

AIGI 22

AIGI 22 is made from a high strength, high purity carbon fiber with only minor quantities of braiding pickup which greatly increases packing heat temperature and pressure resistance. It is designed for use in high temperature valves and pumps against steam, hot water, solvents, acids and alkalies especially in Power Stations.

AVAILABLE SIZES

STM071387	-	6 mm
STM0709301	-	8 mm
STM0713886	-	10 mm
STM0714617	-	11,1 mm
STM0714616	-	12,7 mm
STM0714615	-	14,3 mm
STM0714614	-	16 mm
STM0714613	-	19,1 mm
STM0714612	-	22,1 mm
STM0714611	-	25,4 mm

AIGI 28 Power Station Packing

DATA SHEET
STM071288 - STM071289



PROPERTIES

Color	Black
Temperature	1000°C (over 650°C ask for technical advise)
PH Range	PH 0-14
Max. Liner speed	13 m/s
Pressure	200Kg/cm2 (3000 PSI)



SERVICE MEDIA & CONDITIONS

Pumps and valves against steam, water, solvents, acids and alkalies



APPLICATION

Wide range for general sealing applications: Pumps, mixers, refiners, Valves, Agitators and other rotating equipment.

AIGI 28 comes in all cross-sections (size) and 5 pound and 10 pound boxes



AIGI 28 is an interbraid packing using high quality carbon fiber reinforced flexible graphite tape. The extreme temperature resistance, self-lubricated capability and high heat dissipation make AIGI 28 an excellent choice for high temperature and high speed equipment. The tremendous seal-ability and strength of the reinforced flexible graphite also make it an excellent choice for valves in power plants.

EXTREME TEMPERATURE RESISTANCE | SELF-LUBRICATING | EXCELLENT SEALING

Distributed by:



Sizonke Trading

Quality Engineering Solutions & Supplies
Web: www.sizonkegroup.co.za



HIGH
PERFORMANCE
MATERIALS



TRUSTED
IN POWER
GENERATION



WIDE RANGE
OF APPLICATIONS



A CLEANER,
SAFER FUTURE



**AIGI ENVIRONMENTAL
INCORPORATED**

A Subsidiary of AIGI Group

KEEPING
POWER
RUNNING
WORLDWIDE

®

SUPERCH

SUPERCHEM®

863

Penetrating and
Loosening Fluid**Directions:**

Shake well before use.
Allow for penetration time.

Cautions:

Avoid contact with eyes.
Do not ingest.
Do not inhale vapours.

Uses:

Workshops, Mining,
Engineering shops,
Manufacturing,
Automotive,
and Industrial Mills

Also available in:

20 L
208 L
1000 L



FLAMMABLE



400 ml

®

SUPERCH



SUPERCHEM®

863

Penetrating and
Loosening Fluid

ISO 9001 CERTIFIED

SUPERCHEM® 863 is an excellent, fast-acting single purpose oil that quickly penetrates "frozen" rusted bolts, nuts, and fittings, without any acids or other corrosive chemicals to damage equipment.

For use in workshops & sites where seized equipment is a concern.



FAST ACTING

DEEP
PENETRATIONPREVENTS
RUSTSAFE ON
EQUIPMENT

STM071297

MOLDABLE POLYMER GASKET

MPG is a 2-component sealing material with polymer (A) and curing agent (B) for the manufacture of gaskets in all shapes and sizes **directly on the object to be sealed**.



MPG is a **high quality system** for the production of flat gas-kets for most industrial applications



flange irregularities **up to 7 mm** can be compensated – MPG is dimensionally stable, does not shrink and warp, does not slip



easy installation (see figure) and removal – can be pulled off without sticking onto the object, protects flanges



highly economical: no waste, no cutting and punching of gaskets



resistant to water, oils, hydraulic fluids, solvents, chemicals, etc., except concentrated



STM0097567



HIGH
PERFORMANCE



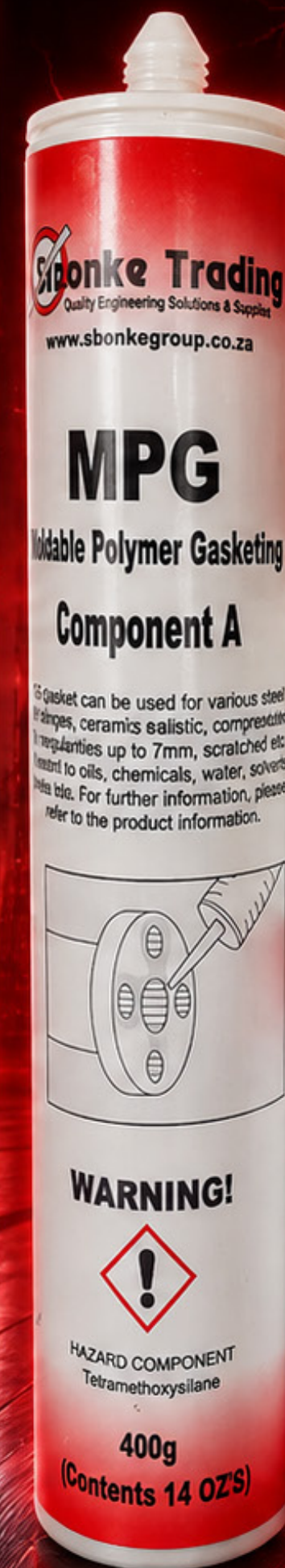
RELIABLE
SEALING



PREVENTS
LEAKS



BUILT FOR
POWER



ZRC *The* **ORIGINAL** Cold Galvanizing Compound



Approved in
Power Utility

Material #STM071282



ZRC Worldwide
INNOVATIVE ZINC TECHNOLOGIES



Sizonke Trading



**SUPERIOR
PROTECTION**



**CORROSION
RESISTANT**



**LONG LASTING
DURABILITY**



**LOW VOC
FORMULATION**



**EASY TO APPLY
& RELIABLE**

STM071282

SP10

CONTACT CLEANER

ELECTRONIC & ELECTRICAL CLEANER
GREASE & OIL REMOVING AGENT



Approved at
Power Utility
Material #
STM-071283



FAST ACTING & EFFECTIVE

Quickly penetrates and removes grease, oil, dirt, flux, and other contaminants.



ELECTRONIC & ELECTRICAL SAFE

Designed for sensitive electronic and electrical components.



LEAVES NO RESIDUE

Dries fast and clean without leaving any residue behind.



HELPS PREVENT EQUIPMENT FAILURE

Regular use helps maintain performance and extend the life of equipment.



VERSATILE APPLICATION

Ideal for use on switches, relays, breakers, motors, connectors, and more.

SealXpert®

SealXpert® SP10 Contact Cleaner is a high performance cleaning solution designed to safely and effectively remove grease, oil, dirt, and other contaminants from electrical and electronic equipment.



SealXpert®



FAST
DRYING



LEAVES NO
RESIDUE



SAFE ON
ELECTRONICS



IMPROVES
PERFORMANCE



EASY TO
USE

IDEAL FOR USE ON:

Electrical Panels, Circuit Breakers, Switches, Relays, Motors, Connectors, Terminals, Control Equipment and other sensitive electronic components.

DANGER!



Extremely flammable aerosol.
Contains gas under pressure;
may explode if heated.
Causes serious eye irritation.
Read carefully other cautions on back panel.

STM-071283



**PREMIUM
QUALITY**



**TRUSTED
PARTNER**



**ENGINEERED
SOLUTIONS**



**POWERING
PERFORMANCE**

DELIVERING QUALITY.
IMPROVING RELIABILITY.

Developing Consistency.
Creating Perfection.



**QUALITY
ASSURED**

Products you can
depend on.



**EXPERIENCED
TEAM**

Knowledgeable.
Reliable. Efficient.



**PRECISION
FOCUSED**

Attention to detail
in every solution.



**CUSTOMER
COMMITMENT**

Your success
is our priority.