



**M.W.A. WELDING (THAILAND) CO., LTD.**

68/88 หมู่ 6 ตำบลเสาธงหิน อำเภอบางใหญ่ จังหวัดนนทบุรี  
11140 โทร: 02-9030911-2 โทรสาร: 02-9030916  
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# KEVLAR PACKING





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# Kevlar Packing



**Description:** STYLE 6500 Aramid fiber braided packing is made of Du Pont's continuous filament Kevlar yarn impregnated with PTFE emulsion and processed with lubricant. As the strength and module of Kevlar is as high as the steel-like strength, it can resist more severe media and higher pressure. It can be installed separately or as end rings with other kinds of packing to combine different characteristics into seals packing ring set.

**Application Areas:** STYLE 6500 can be used in rotary pump, valves, piston pumps, mixers, reactors, pulp and paper, pharmaceutical, food, sugar, chemical and petrochemical, power stations, steel mills and many area. Also ideal as anti-extrusion rings in combination with softer packing.

**Not suitable for:** Highly concentrated acids, caustic solutions, alkali metals, oxygen

### Application Data:

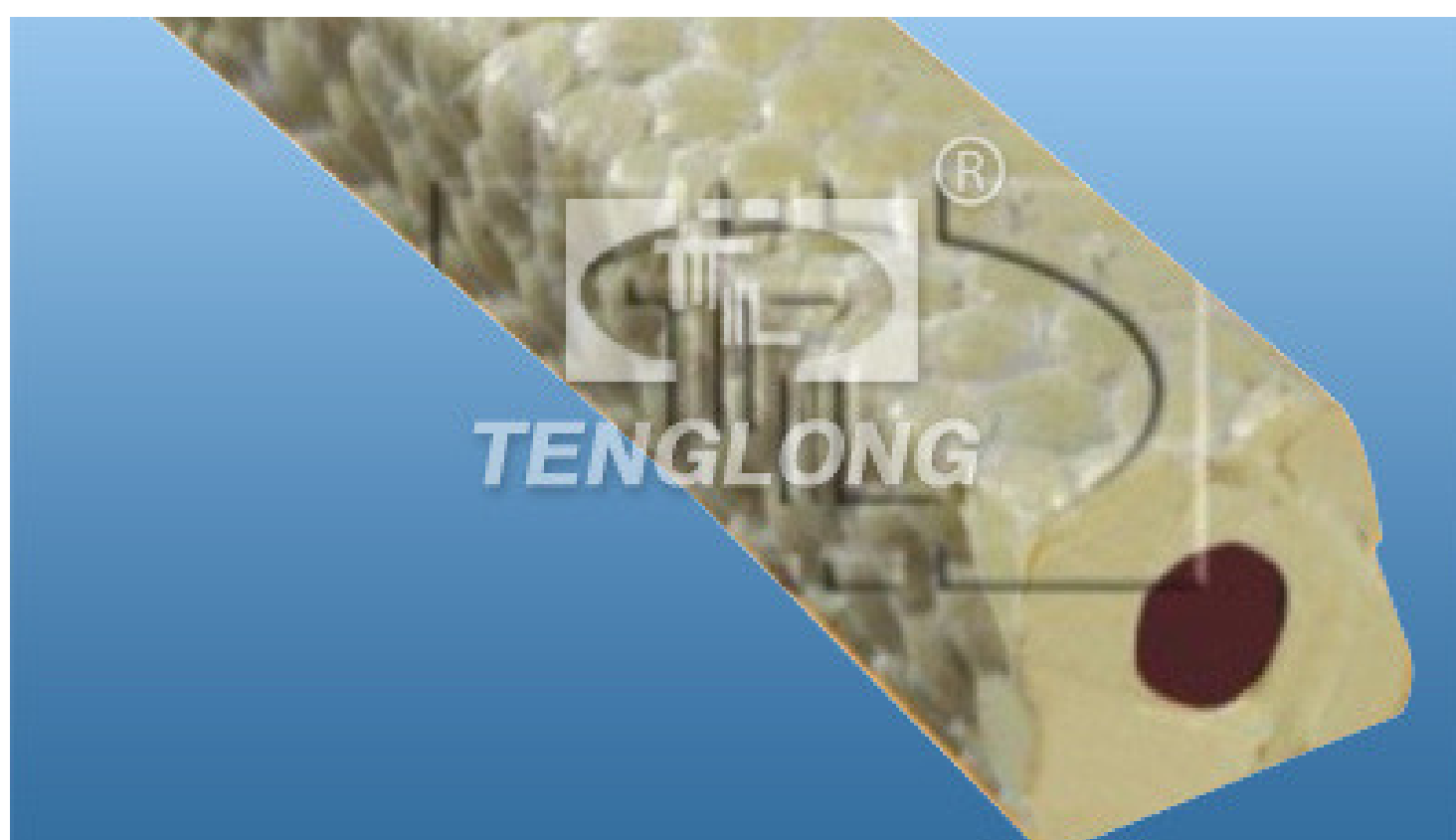
			
Pressure: bar	70	100	100
Speed: m/s	20	1.5	2
PH Range	2-12		
Temp. °C	-180 to + 260		
Density(g/cm <sup>3</sup> )	1.40-1.45		



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# Kevlar Fiber Silicon Core Packing



**Description:** STYLE 6700SC is combines a resilient silicone rubber core with the heat resistant Dupont's Kevlar fiber. The elastic rubber core gives the packing better memory, allowing it to withstand radial shaft motion and vibration while maintaining excellent leakage control with minimal gland adjustments.

**Application Areas:** Rugged, easy to use and break-in, the STYLE 6700SC is designed for use in abrasive service applications such as agitators, blenders, mixers, washers, pulp or any other applications that undergo shaft deflection in normal operating conditions

**.Not Suitable For:** Highly concentrated acids, caustic solutions, alkali metals, oxygen.

### Application Data:

			
Pressure: bar	30	300	300
Speed: m/s	10	2	1.5
PH Range	2-12		
Temp. °C	-68 to + 230		
Density(g/cm <sup>3</sup> )	1.40		



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# Corner PTFE Kevlar Packing



**Description:** STYLE 6500 PTFE is pure PTFE yarn braided packing incorporated with pure 100% Dupont's Kevlar yarn throughout the four corners. This structure enhances the lubricating ability of Aramid and reinforced the strength of the pure PTFE packing. The fibers are saturated and sealed with PTFE particles, protecting the fibers from chemical action. To assure good break-in characteristics, a special high temperature synthetic lubricant is added.

**Application areas:** STYLE 6500PTFE can be used in piston pumps, valves, pulp, paper, waste water treatment, petrochemical, and other general industrial applications.

**Not suitable for:** Concentrated acids and lye, alkali metals, fluorine and fluorine compounds at high temperature.

### Application Data:

			
Pressure: bar	30	200	250
Speed: m/s	12	2	2
PH Range	2-13		
Temp. °C	-180 to + 260		
Density(g/cm <sup>3</sup> )	1.45-1.50		



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# Corner Graphite-PTFE Kevlar Packing



**Description** :STYLE 6500G is highly-quality combination of PTFE with graphite incorporated yarn with corner of Kevlar fiber, to prevent gap extrusions within the high pressure and temperature range.

**STYLE 6600G** is made from pure 100% Dupont's Kevlar yarn incorporated with graphite Teflon GFO yarn throughout the sliding surface in alternated strips. Good sliding velocity and thermal conductivity. It was processed with high lubricant and impregnated PTFE emulsion.




**STYLE 6500G/6600G** is low friction, wear-resistant packing. Long service life due to good sliding properties, no gap extrusion.

**Application areas:** STYLE 6500G/6600G can be used in piston pumps, mixers, stirrers, reactors, for industrial and chemical process valves, paper mill good for high pressure applications.

### Not suitable for:

High concentrated acids and lye, alkali metals, fluorine and fluorine compounds at high temperatures.

### Application Data:

			
Pressure: bar	31	100	100
Speed: m/s	22	3	2
PH Range	2-12		
Temp. °C	-180 to + 260		
Density(g/cm <sup>3</sup> )	1.40-1.45		



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## Corner Acrylic Kevlar Packing



### Description:

Composite Acrylic and Kevlar braided packing was pure aramid filament corners inter braided for strength and abrasion resistance combined with Acrylic composite filaments in the seams to produce a high performance chemically resistant packing

### Application:

Acrylic Kevlar packing is recommended for rotary and centrifugal shaft, reciprocating applications, and valve.

#### STOCK DIMENSION:

mm sq.	8	10	11	12	14	16	18	20	22	25
m/kg abt.	10.2	7.3	5.4	4.2	3.7	2.7	2.5	1.9	1.4	1.1
Inch Sq.	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"

#### APPLICATION DATA:

T 磅	+260磅		
P bar	250	250	20
V m/s	3	5	22
PH	2-13		



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# Corner Carbonized Kevlar Packing



### Description:

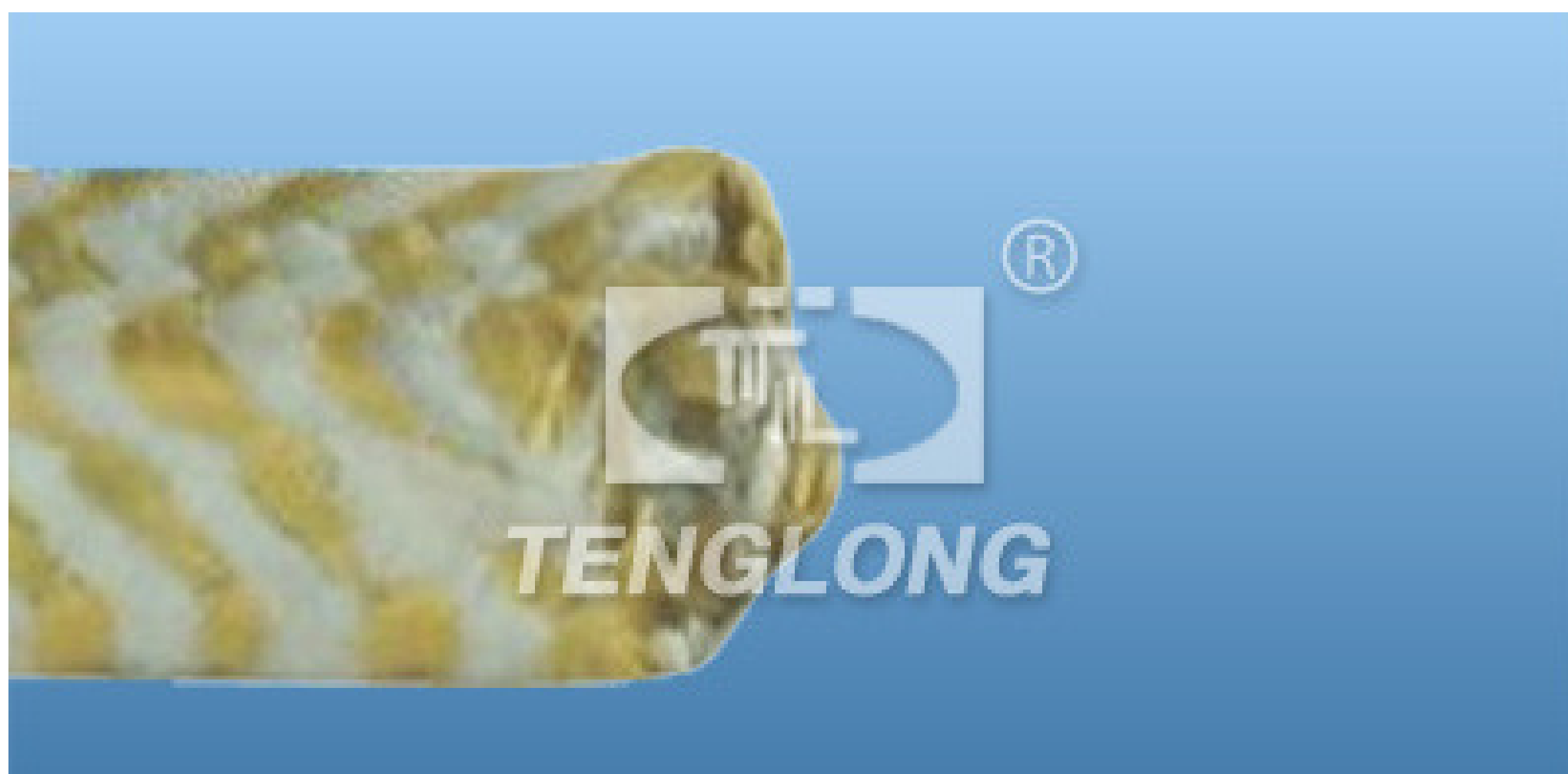
Kevlar and Carbon Composite Packing is made of High-quality special yarn, It was impregnated with PTFE emulsion, with corner of Kevlar fibre braided packing, It has better sliding velocity than combination of PTFE with graphite incorporated yarn with Aramid corner packings .It was processed with high temperature lubricant and impregnated PTFE emulsion. It is a a low friction, wear-resistant packing.



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## Zebra PTFE Kevlar Packing



### Description:

PTFE Kevlar Composite braided packing was made of PTFE yarns and the reinforced Aramid of Aramid fiber. This structure, Enhances the lubricability of Aramid and reinforces the strength of the pure PTFE packing.




### Application:

This special combination packing uses in the sealing of high pressure piston pump.

#### STOCK DIMENSION:

mm sq.	8	10	11	12	14	16	18	20	22	25
m/kg abt.	10.2	7.3	5.4	4.2	3.7	2.7	2.5	1.9	1.4	1.1
Inch Sq.	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"

#### APPLICATION DATA:

			
T 磅	+260磅		
P bar	100	100	31
V m/s	2	3	22
PH	2-12		





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## Zebra Graphite-PTFE Kevlar Packing



### Description:

High tensile strength aramid fiber and graphite impregnated PTFE self-lubricating fibers diagonally positioned and braided to produce a low friction, wear-resistant packings.

### Application:

Graphite PTFE Kevlar packings is recommended for rotary, centrifugal, and reciprocating applications

#### STOCK DIMENSION:

mm sq.	8	10	11	12	14	16	18	20	22	25
m/kg abt.	10.2	7.3	5.4	4.2	3.7	2.7	2.5	1.9	1.4	1.1
Inch Sq.	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"

#### APPLICATION DATA:

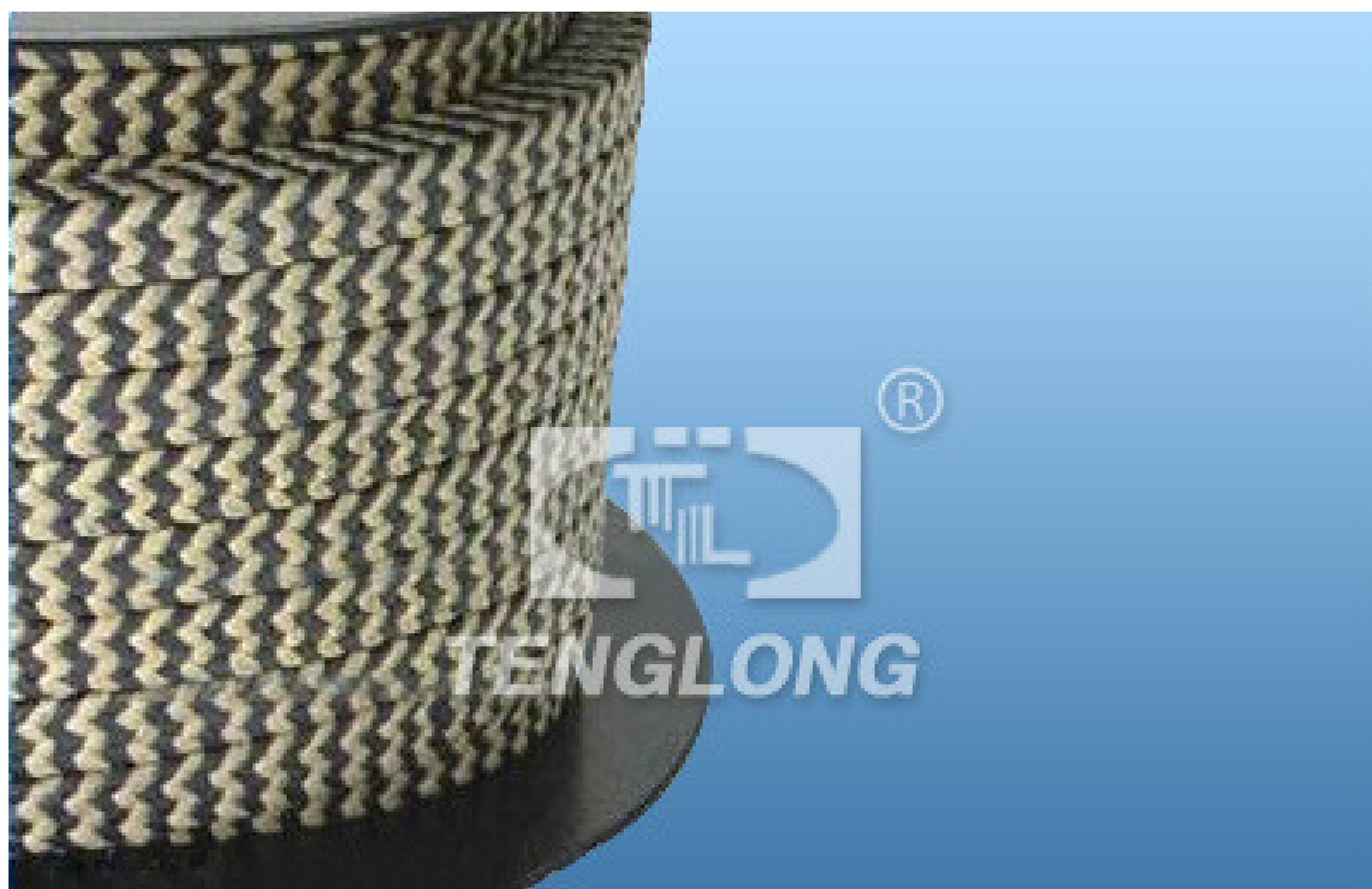
T 磨	+260磨		
P bar	100	100	31
V m/s	2	3	22
PH	2-12		



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mm sq.	8	10	11	12	14	16	18	20	22	25
m/kg abt.	10.2	7.3	5.4	4.2	3.7	2.7	2.5	1.9	1.4	1.1
Inch Sq.	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	7/8"	1"

### APPLICATION DATA:

T 磨	+260磨		
P bar	100	100	31
V m/s	2	3	22
PH	2-12		