



 **TUFG RIP**



J Thwaites

J Thwaites was founded over 55 years ago in the heart of industrial Yorkshire by Jim Thwaites to manufacture compression moulded plastic toys. The company was very successful and competed strongly against more established companies like Chad Valley, one of the largest toy manufacturers at the time.

In the early 1950's Jim Thwaites spotted a gap in the market and started to make PVC temple rollers for the looms weaving modern man-made fabrics. This proved highly successful, and by the mid 1950's, J Thwaites Ltd had moved from toys to manufacturing PVC roller coverings for the textile trade. Jim's understanding of new developments in plastics materials technology allowed these innovative new products to outperform the traditional natural rubber textile machinery roller coverings and the business continued to grow.

Since then the range has been under constant development with new products and specialist developments to meet increasingly demanding customer requirements.

Today, run by the second and third generations of the Thwaites family, the company is housed in a spacious purpose built manufacturing unit in Dewsbury, West Yorkshire. The business continues to prosper - about 85% of the total roller covering manufactured in the United Kingdom comes from J Thwaites and the company's products are exported worldwide.





Tufgrip

The UK's premier range of roller coverings, for all textile processing and conveyer applications.

Tufgrip for high material specification and performance:

- PVC, PVC-Nitrile and PVC sponge
- High coefficient of friction compounds
- Abrasion resistance
- Wide operating temperature ranges
- Great mechanical grip

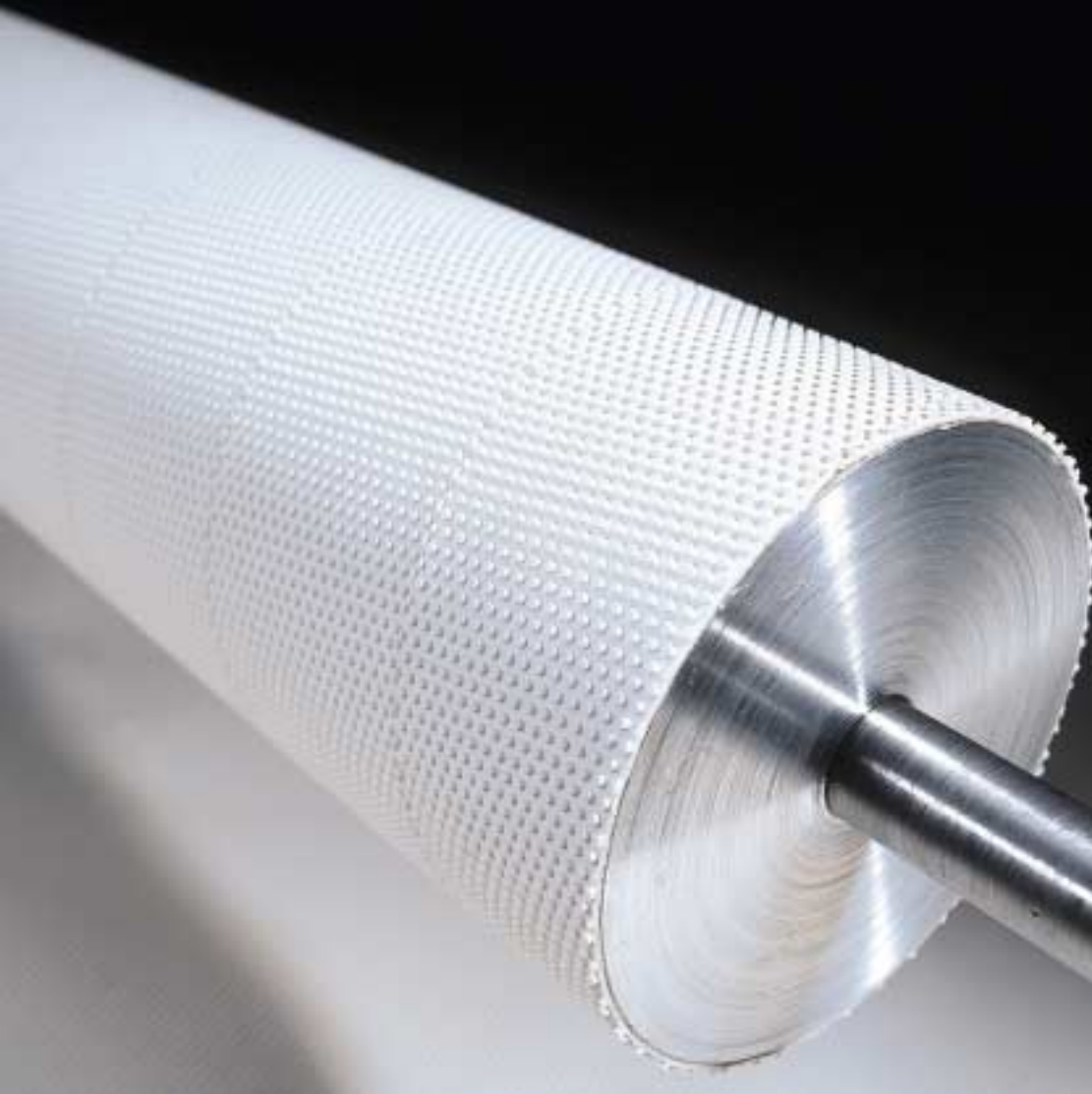
Tufgrip for technical innovation and design:

- Traditional grit
- Micro cellular PVC Sponge for uneven fabrics like brocades
- Smooth surfaces to avoid damaging delicate fabrics
- Waffle pattern - designed for use with traditionally woven carpets where the backing is extremely abrasive

Tufgrip is easy to use and reduces down-time:

- Self adhesive or plain backing
- Wide choice of roll lengths and widths





flat topped sharp edged pimples

code

STP

material

PVC

properties

High coefficient of friction

Very good resistance to abrasion

max working temp

80° C / 176° F

lengths

30M(100'), 60M(200')

thickness

1.8mm / 72 thou

widths

Plain Backed -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm), 5'(125mm), 6'(150mm)

Self Adhesive -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm)

***Max working temp of self adhesive 40° C(104° F)**





medium soft grit pattern

code

AGG

material

Nitrile Rubber / PVC

properties

*Extremely high coefficient of friction.
Excellent resistance to abrasion.
Very good resistance to oils, greases
and solvents*

*max working temp **

100° C / 212° F

lengths

30M(100'), 60M(200')

thickness

2mm / 79 thou

widths

Plain Backed -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm), 5"(125mm), 6"(150mm)

Self Adhesive -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm)

**Max working temp of self adhesive 40° C(104° F)*





small random pattern

code

AP

material

Nitrile Rubber / PVC

properties

**Extremely high coefficient of friction.
Excellent resistance to abrasion.
Very good resistance to oils, greases
and solvents**

max working temp

100° C / 212° F

lengths

30M(100'), 60M(200')

thickness

1.4mm / 56 thou

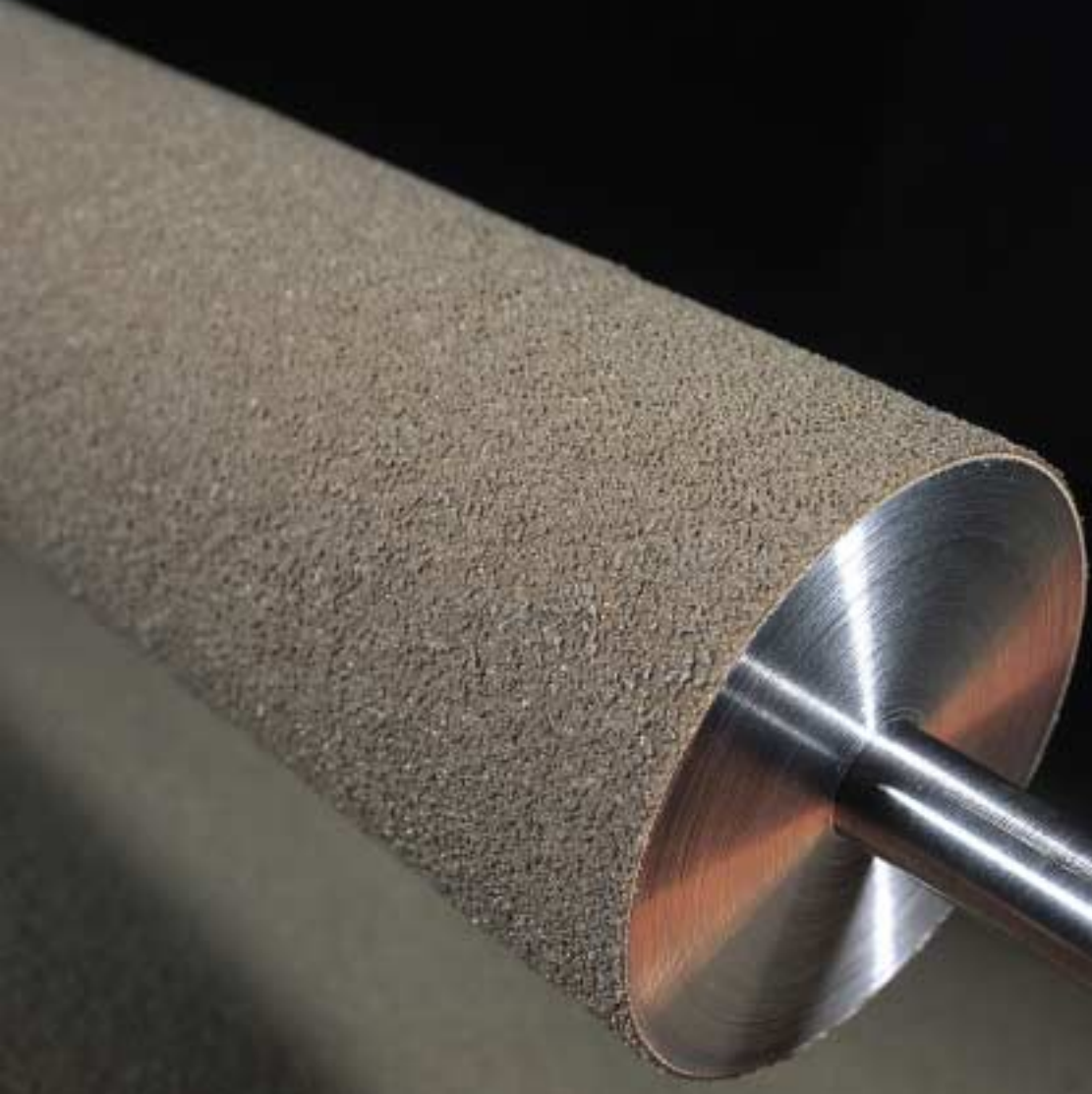
widths

**Plain Backed -2"(50mm), 2½"(63mm), 3"(75mm),
4"(100mm), 5"(125mm), 6"(150mm)**

**Self Adhesive -2"(50mm), 2½"(63mm), 3"(75mm),
4"(100mm)**

***Max working temp of self adhesive 40° C(104° F)**





soft grit pattern

code
APG

material
Nitrile Rubber / PVC

properties
**Extremely high coefficient of friction.
Excellent resistance to abrasion.
Very good resistance to oils, greases
and solvents**

max working temp
100° C / 212° F

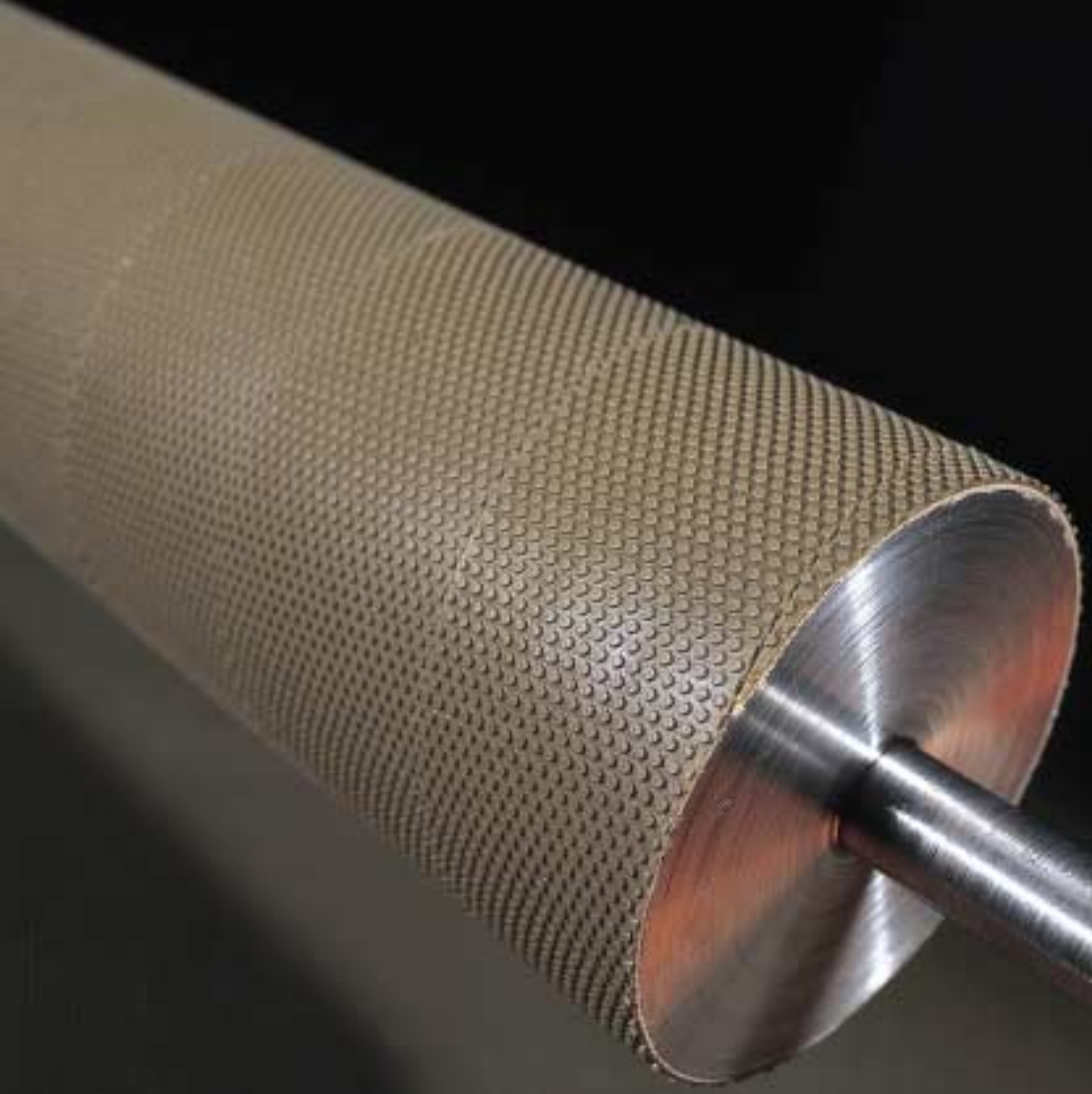
lengths
75M(250')

thickness
1.8mm / 72 thou

widths
Plain Backed -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm), 5" (125mm), 6"(150mm)
Self Adhesive -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm)

***Max working temp of self adhesive 40° C(104° F)**





flat topped sharp edged pimples

code
APP

material
Nitrile Rubber / PVC

properties
Extremely high coefficient of friction.
Excellent resistance to abrasion.
Very good resistance to oils, greases
and solvents

max working temp
100° C / 212° F

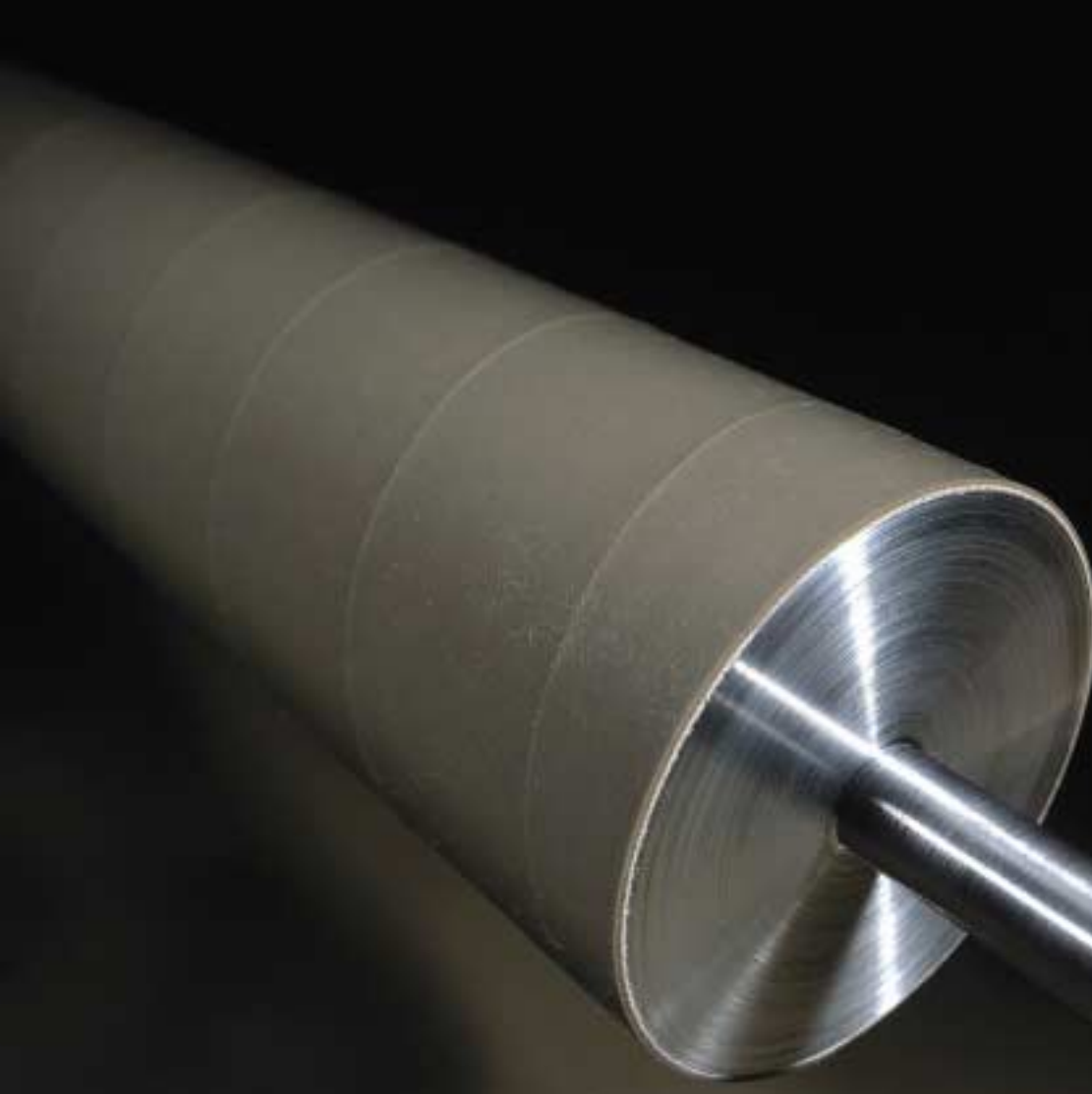
lengths
70M(235')

thickness
1.8mm / 72 thou

widths
Plain Backed -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm), 5'(125mm), 6'(150mm)
Self Adhesive -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm)

**Max working temp of self adhesive 40° C(104° F)*





smooth tacky surface

code

APS

material

Nitrile Rubber / PVC

properties

*Extremely high coefficient of friction.
Excellent resistance to abrasion.
Very good resistance to oils, greases
and solvents*

max working temp

100° C / 212° F

lengths

70M(235')

thickness

1.4mm / 56 thou

widths

Plain Backed -2"(50mm), 2½"(63mm), 3"(75mm),
4"(100mm), 5" (125mm), 6"(150mm)

Self Adhesive -2"(50mm), 2½"(63mm), 3"(75mm),
4"(100mm)

**Max working temp of self adhesive 40° C(104° F)*





medium soft grit pattern

code

GRG

material

PVC

properties

High coefficient of friction

Very good resistance to abrasion

max working temp

80° C / 176° F

lengths

30M(100'), 60M(200')

thickness

1.9mm / 75 thou

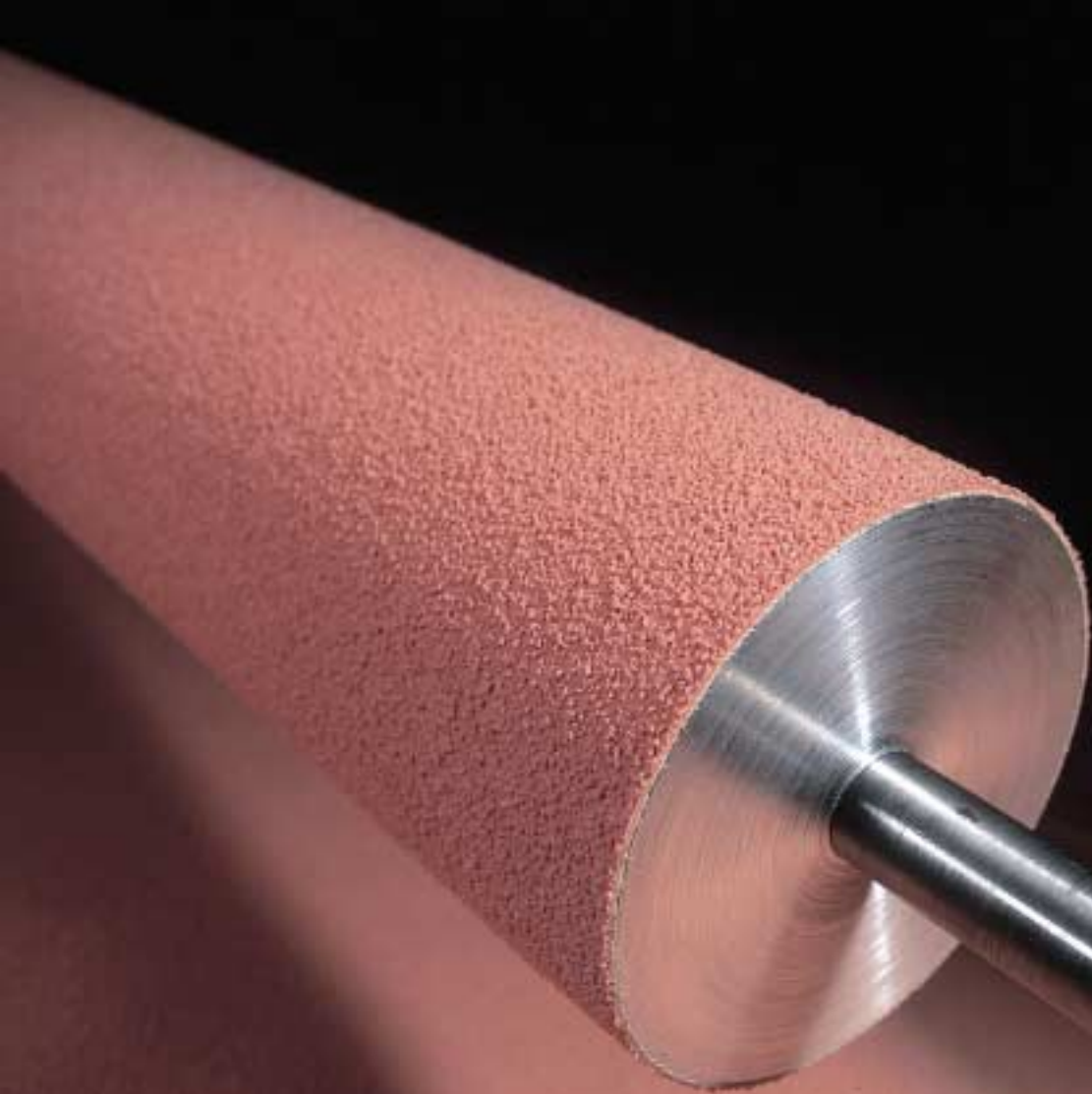
widths

Plain Backed -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm), 5"(125mm), 6"(150mm)

Self Adhesive -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm)

***Max working temp of self adhesive 40° C(104° F)**





hard grit pattern

code
GRH

material
PVC

properties
High coefficient of friction
Very good resistance to abrasion

max working temp
80° C / 176° F

lengths
30M(100'), 60M(200')

thickness
1.8mm / 72 thou

widths
Plain Backed -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm), 5'(125mm), 6'(150mm)
Self Adhesive -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm)

***Max working temp of self adhesive 40° C(104° F)**





soft grit pattern

code

GRS

material

PVC

properties

High coefficient of friction

Very good resistance to abrasion

max working temp

80° C / 176° F

lengths

30M(100'), 60M(200')

thickness

1.8mm / 72 thou

widths

Plain Backed -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm), 5'(125mm), 6'(150mm)

Self Adhesive -2'(50mm), 2½'(63mm), 3'(75mm),
4'(100mm)

***Max working temp of self adhesive 40° C(104° F)**





waffle pattern

code

HD

material

PVC

properties

**High Coefficient of friction.
Very good resistance to abrasion**

max working temp

80°C / 176°F

lengths

30M(100'), 60M(200')

thickness

2.5mm / 100 thou

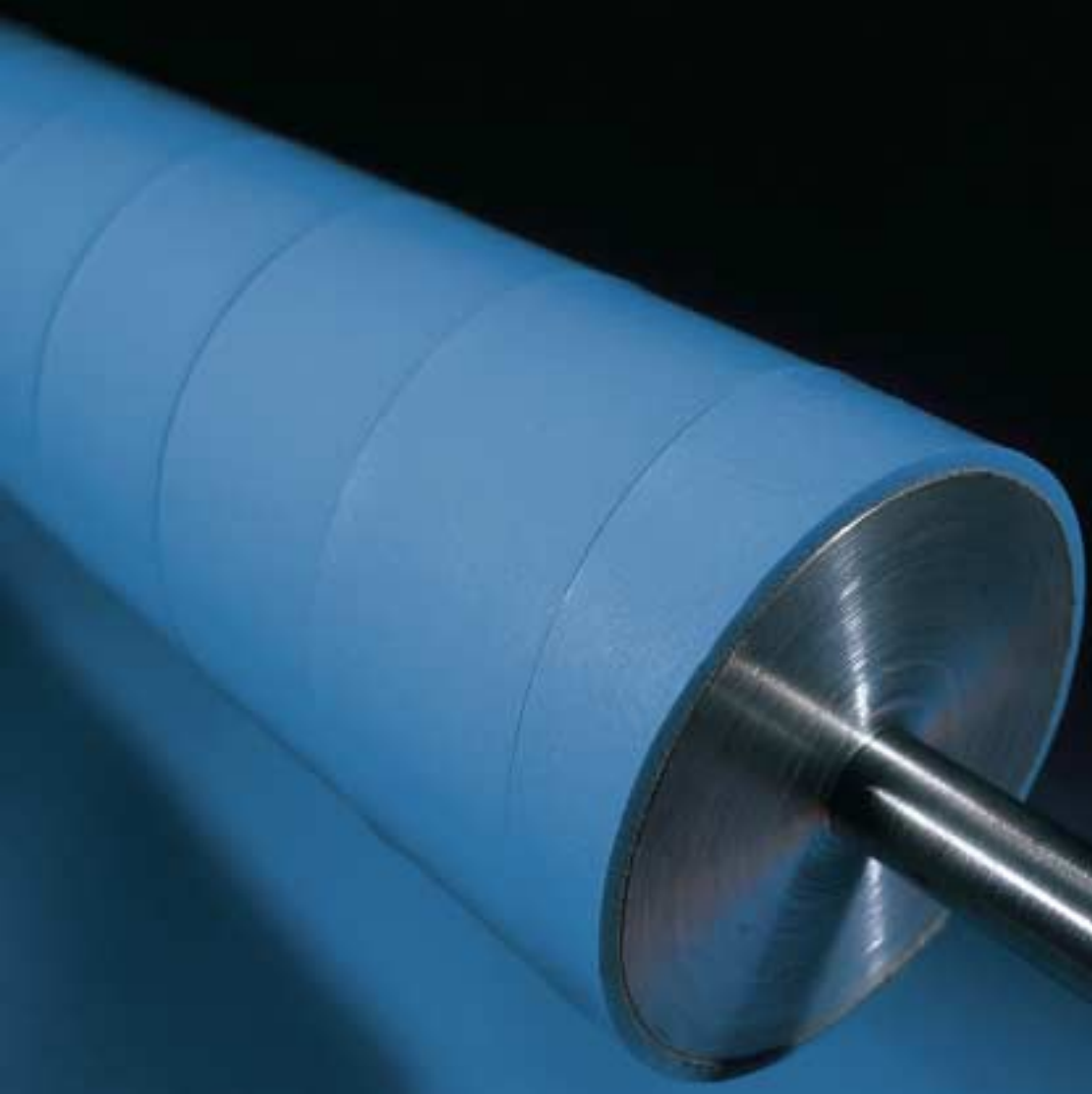
widths

Plain Backed -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm), 5"(125mm), 6"(150mm)

Self Adhesive -2"(50mm), 2 1/2"(63mm), 3"(75mm),
4"(100mm)

***Max working temp of self adhesive 40°C(104°F)**





microcellular sponge

code

MCL & MCM

material

Material Micro Cellular PVC

properties

High Coefficient of friction. Medium abrasive resistance

max working temp

80° C / 176° F

lengths

30M(100')

thickness

MCL- 2.5mm / 100 thou

MCM - 4mm / 160 thou

widths

Plain Backed -2'(50mm), 2 1/2'(63mm), 3'(75mm), 4'(100mm), 5'(125mm), 6'(150mm)

Self Adhesive -2'(50mm), 2 1/2'(63mm), 3'(75mm), 4'(100mm)

**Max working temp of self adhesive 40° C(104° F)*





smooth surface

code

ST

material

PVC

properties

High coefficient of friction

Very good resistance to abrasion

max working temp

80° C / 176° F

lengths

30M(100'), 60M(200')

thickness

1.4mm / 56 thou

widths

Plain Backed -2"(50mm), 2½"(63mm), 3"(75mm),
4"(100mm), 5" (125mm), 6"(150mm)

Self Adhesive -2"(50mm), 2½"(63mm), 3"(75mm),
4"(100mm)

***Max working temp of self adhesive 40° C(104° F)**





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Manufacturers of roller coverings for textile machinery and conveyor drives