

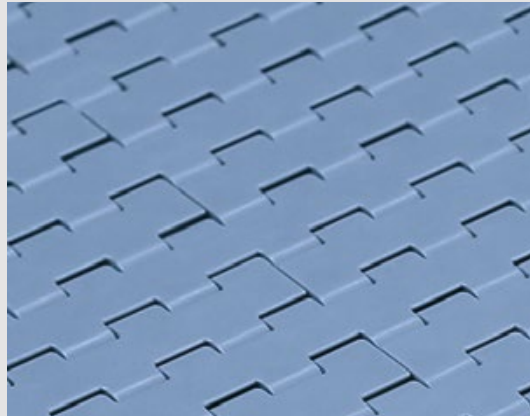
Material Chemical Resistances

| Chemical Agent up to 65°C | Polyamide | Steel | Stainless Steel Aisi 304 | Stainless Steel Aisi 430 | LF | MK | MX | UHMW PE | PP/PPX |
|------------------------------|-----------|-------|--------------------------------|--------------------------------|----|----|----|---------|--------|
| Acetone | G | U | G | G | G | G | A | G | G |
| Acetic acid (max 5%) | U | U | G | U | U | U | G | G | G |
| Alcohol | G | G | G | G | G | G | G | G | G |
| Ammonia | G | A | G | G | U | U | A | G | G |
| Beer | G | G | G | G | G | G | G | G | G |
| Benzene | G | G | G | G | G | G | U | A | G |
| Benzol | G | G | G | G | G | G | G | G | A |
| Carbon tetrachloride | G | A | A | A | G | G | / | A | U |
| Chocolat | A | G | G | G | G | G | G | A | G |
| Citric acid | A | U | G | A | A | A | G | G | G |
| Formic acid | U | G | G | G | G | G | A | G | / |
| Fresh water | G | U | G | G | G | G | G | G | G |
| Fruit juices | G | U | G | A | G | G | G | G | G |
| Hydrochloric acid (max 2%) | U | U | U | U | U | U | A | A | G |
| Hydrogen peroxide | U | U | G | A | U | U | / | A | / |
| Iodine | U | A | A | A | A | A | / | A | / |
| Lactic acid | G | U | G | U | G | G | G | G | G |
| Milk | G | G | G | G | G | G | G | G | G |
| Mustard | A | G | G | G | A | A | / | A | G |
| Nitric acid | U | U | G | A | U | U | U | A | G |
| Oil (vegetable or mineral) | G | G | G | G | G | G | U | G | G |
| Paraffin | G | G | G | G | G | G | G | G | / |
| Petrol | G | G | G | G | G | G | G | A | G |
| Phosphoric acid (max 10%) | U | U | G | U | U | U | U | G | G |
| Sea water | U | A | G | A | G | G | G | G | G |
| Soap and water | G | A | G | G | G | G | G | G | G |
| Sodium hydrochloride | G | U | A | U | G | G | A | G | G |
| Sodium hydroxide (max 25%) | G | U | G | G | U | U | U | G | / |
| Sodium hypochlorite | G | U | U | U | U | U | A | G | G |
| Soft Drinks | G | G | G | G | G | G | G | G | G |
| Spirits | G | G | G | G | G | G | G | G | G |
| Sulphide acid | U | U | U | U | U | U | G | U | G |
| Toluene | U | U | U | U | G | G | G | A | G |
| Turpentine | U | G | G | G | U | U | G | A | / |
| Vegetable juices | G | A | G | G | G | G | G | G | G |
| Vinegar | G | U | A | U | G | G | G | G | G |
| Whisky | G | G | G | G | G | G | G | G | G |
| Wine | G | G | G | G | G | G | G | G | G |
| Xilol | U | U | U | U | U | U | G | U | U |

LEGENDA

G: Good / A: Average / U: Unsatisfactory

LF-LFA



Description

Low friction Acetal Resin.

This material can be used in all common applications.

Colour: Light Brown for Chains, RAL 5014 for Belts.

Primary Components: POM

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|---------------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| LF | Low friction acetal | POM | -40 | 176 | 149 | -40 | 80 | 65 | YES |
| LFA | Low friction acetal | POM | -40 | 176 | 149 | -40 | 80 | 65 | YES |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,28 | 0,25 | 0,25 | 0,21 | 0,24 | 0,20 |
| Water | n.a. | 0,20 | 0,18 | 0,16 | 0,18 | 0,15 |
| W&s & Dry lube | n.a. | 0,15 | 0,14 | 0,13 | 0,14 | 0,12 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

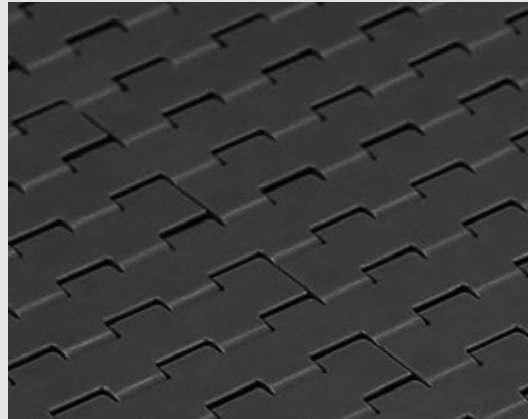
Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|----------------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,24 | 0,20 | 0,18 |
| Water | 0,19 | 0,16 | 0,14 |
| W&s & Dry lube | 0,15 | 0,10 | 0,10 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

MX



Materials

Description

Extra Performance material (PBT with additives) with a very low coefficient of friction and improved wear resistance. Recommended for high speed and dry running applications.

Colour: Grey

Primary Components: PBT

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|-----------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| MX | Performance PBT | PBT | -40 | 248 | 140 | -40 | 120 | 60 | YES |

Friction Factors Between Material and Product

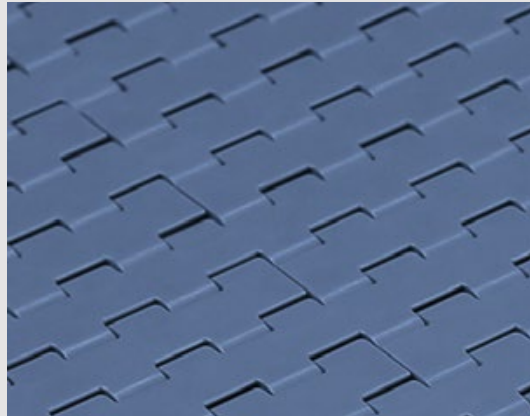
| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,20 | 0,18 | 0,15 | 0,13 | 0,14 | 0,12 |
| Water | n.a. | 0,16 | 0,14 | 0,12 | 0,13 | 0,12 |
| W&s & Dry lube | n.a. | 0,13 | 0,12 | 0,10 | 0,11 | 0,10 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|---------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,20 | 0,16 | 0,13 |
| Water | 0,17 | 0,11 | 0,09 |
| W&s & Dry lube | 0,14 | 0,09 | 0,08 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.



Description

Super Low Friction Acetal Resin. The internal-lubrication-additives ensure continuous low friction resulting in higher efficiency and optimum service life. This material is specially developed for glass, can and PET lines where external lubrication has to be avoided or limited.

Colour: Blue **Primary Components:** POM

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|--------------------------|--------------------------|--------------------------|------------------------------------|-----|-----|---------|-----|-----|-----------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| MK | Super performance acetal | POM | -40 | 176 | 149 | -40 | 80 | 65 | YES |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,23 | 0,20 | 0,20 | 0,18 | 0,20 | 0,15 |
| Water | n.a. | 0,18 | 0,15 | 0,14 | 0,15 | 0,13 |
| W&s & Dry lube | n.a. | 0,15 | 0,13 | 0,12 | 0,12 | 0,12 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

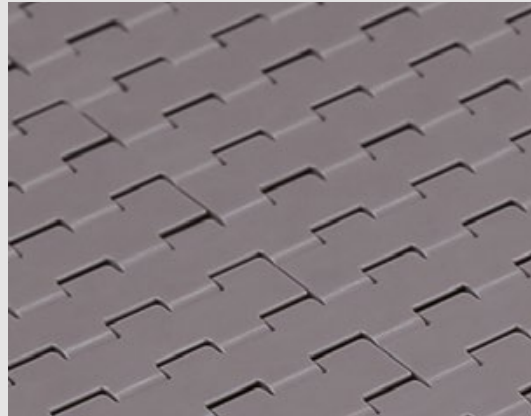
| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|-----------------|
| | Stainless steel | UHMW-PE & PA | <i>BluLub</i> ® |
| Dry | 0,22 | 0,18 | 0,16 |
| Water | 0,18 | 0,14 | 0,13 |
| W&s & Dry lube | 0,15 | 0,10 | 0,10 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

MP

Materials



Description

High performance Material with a low coefficient of friction.

This material can increase wear life 25% over LF material.

Colour: Brown

Primary Components: POM

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|--------------------------|-------------------|--------------------------|------------------------------------|-----|-----|---------|-----|-----|-----------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| MP | Lucricated Acetal | POM | -40 | 176 | 149 | -40 | 80 | 65 | YES |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,24 | 0,22 | 0,21 | 0,19 | 0,21 | 0,16 |
| Water | n.a. | 0,19 | 0,17 | 0,15 | 0,17 | 0,14 |
| W&s & Dry lube | n.a. | 0,15 | 0,14 | 0,13 | 0,13 | 0,12 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|---------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,23 | 0,19 | 0,17 |
| Water | 0,19 | 0,15 | 0,14 |
| W&s & Dry lube | 0,15 | 0,10 | 0,10 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

DKM



Description

Aramide reinforced acetal material

It's commonly used in dry running glass handling applications.

Colour: Grey

Primary Component: POM

Materials

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|---------------------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| DKM | Aramide reinforced acetal | POM | -40 | 176 | 149 | -40 | 80 | 65 | - |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,21 | 0,19 | 0,16 | 0,20 | 0,15 | 0,13 |
| Water | n.a. | 0,17 | 0,15 | 0,15 | 0,14 | 0,13 |
| W&s & Dry lube | n.a. | 0,14 | 0,13 | 0,13 | 0,12 | 0,11 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

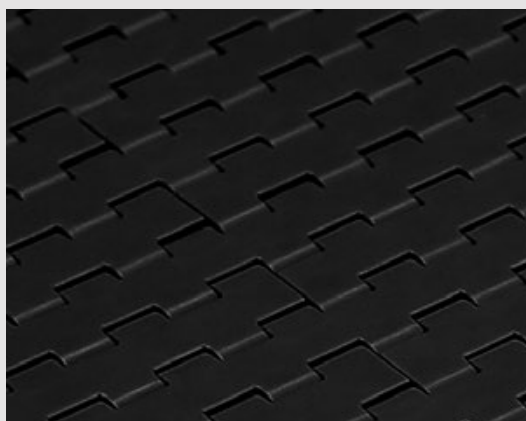
Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|----------------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,21 | 0,19 | 0,17 |
| Water | 0,18 | 0,15 | 0,14 |
| W&s & Dry lube | 0,15 | 0,11 | 0,11 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

MWX



Materials

Description

MWX increases wear life

Used in applications where chain is subject to abrasives conditions such as glass sand and dirt.

Colour: Black

Primary Component: Nylon (PA)

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|--------------------|-----------------------|------------------------------------|-----|------|---------|-----|------|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| MWX | Polyamid Composite | PA | -40 | 219 | N.R. | -40 | 104 | N.R. | - |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,24 | 0,21 | 0,18 | 0,15 | 0,17 | 0,14 |
| Water | n.a. | 0,19 | 0,17 | 0,14 | 0,15 | 0,14 |
| W&s & Dry lube | n.a. | 0,15 | 0,14 | 0,12 | 0,13 | 0,12 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

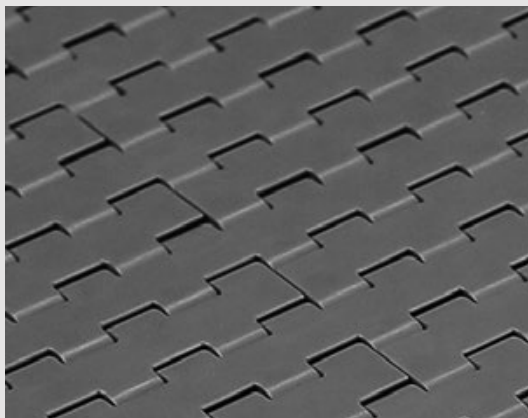
Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|----------------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,24 | 0,19 | 0,15 |
| Water | 0,20 | 0,13 | 0,11 |
| W&s & Dry lube | 0,17 | 0,11 | 0,09 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

PP



Description

Polypropylene

for better chemical resistance and higher temperatures.

Colour: Grey

Primary Component: PP

Materials

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|---------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| PP | Polypropylene | PP | 40 | 220 | 212 | 4 | 104 | 100 | YES |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,40 | 0,30 | 0,32 | 0,28 | 0,29 | 0,26 |
| Water | n.a. | 0,24 | 0,26 | 0,22 | 0,23 | 0,21 |
| W&s & Dry lube | n.a. | 0,20 | 0,20 | 0,18 | 0,19 | 0,18 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

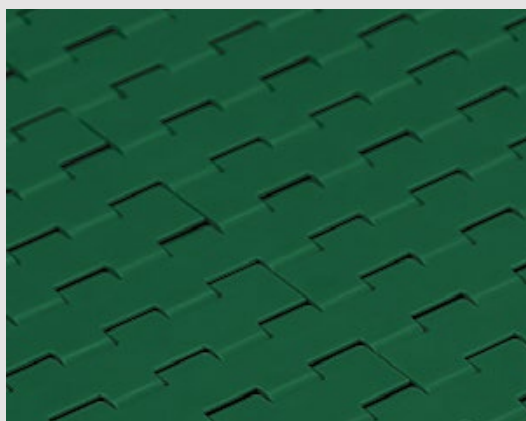
Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|---------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,29 | 0,24 | 0,21 |
| Water | 0,23 | 0,19 | 0,17 |
| W&s & Dry lube | 0,19 | 0,13 | 0,13 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

PPX



Materials

Description

Reinforced Polypropylene

for improved heat stability and chemical resistance.

Colour: Green

Primary Component: PP

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|--------------------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| PPX | Reinforced Polypropylene | PP | 40 | 220 | 212 | 4 | 104 | 100 | YES |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,40 | 0,30 | 0,32 | 0,28 | 0,29 | 0,26 |
| Water | n.a. | 0,24 | 0,26 | 0,22 | 0,23 | 0,21 |
| W&s & Dry lube | n.a. | 0,20 | 0,20 | 0,18 | 0,19 | 0,18 |
| Oil | n.a. | 0,10 | n.a. | n.a. | n.a. | n.a. |

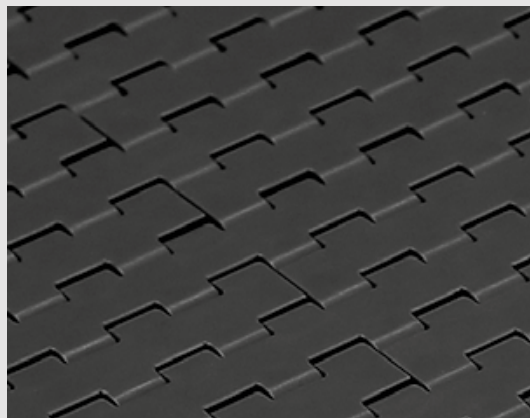
Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|---------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,29 | 0,24 | 0,21 |
| Water | 0,23 | 0,19 | 0,17 |
| W&s & Dry lube | 0,19 | 0,13 | 0,13 |
| Oil | 0,10 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

AS



Description

AS material

eliminates the static accumulation that can happen during conveying products.

Colour: Black

Primary Components: POM

Materials

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|-------------------|-----------------------|------------------------------------|-----|------|---------|-----|------|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| AS | Antistatic Acetal | POM | -4 | 180 | N.R. | -18 | 82 | N.R. | YES |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,35 | 0,28 | 0,29 | 0,25 | 0,27 | 0,24 |
| Water | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| W&s & Dry lube | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Oil | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|----------------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,27 | 0,22 | 0,20 |
| Water | n.a. | n.a. | n.a. |
| W&s & Dry lube | n.a. | n.a. | n.a. |
| Oil | n.a. | n.a. | n.a. |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

SS



Description

Ferritic Stainless Steel (1.4016)
for standard applications.

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|--------------------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| SS | Standard Stainless Steel | 1.4016 | -22 | 750 | 265 | -30 | 400 | 130 | - |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,40 | 0,50 | 0,35 | 0,30 | 0,47 | 0,35 |
| Water | n.a. | 0,35 | 0,30 | 0,25 | 0,31 | 0,30 |
| W&s & Dry lube | n.a. | 0,20 | 0,15 | 0,15 | 0,21 | 0,15 |
| Oil | n.a. | 0,20 | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|----------------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | n.a. | 0,35 | 0,32 |
| Water | 0,40 | 0,27 | 0,24 |
| W&s & Dry lube | 0,20 | 0,18 | 0,15 |
| Oil | 0,20 | 0,18 | 0,15 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

SSE



Description

Specially treated Ferritic Stainless Steel (1.4589)
for improved working-load and less friction.

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|-------------------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| SSE | Special Stainless Steel | 1.4589 | -22 | 750 | 265 | -30 | 400 | 130 | - |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,38 | 0,48 | 0,33 | 0,29 | 0,45 | 0,33 |
| Water | n.a. | 0,33 | 0,29 | 0,24 | 0,29 | 0,29 |
| W&s & Dry lube | n.a. | 0,19 | 0,14 | 0,14 | 0,20 | 0,14 |
| Oil | n.a. | 0,19 | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|----------------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | n.a. | 0,33 | 0,30 |
| Water | 0,38 | 0,26 | 0,23 |
| W&s & Dry lube | 0,19 | 0,17 | 0,14 |
| Oil | 0,19 | 0,17 | 0,14 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

SSM



Description

Specially treated Ferritic SS (1.4589)

with optimized surface finish for superior sliding properties. For High-Speed and more critical applications.

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|---------------------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| SSM | Max Speed Stainless Steel | 1.4589 | -22 | 750 | 265 | -30 | 400 | 130 | - |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,34 | 0,43 | 0,30 | 0,26 | 0,40 | 0,30 |
| Water | n.a. | 0,30 | 0,26 | 0,21 | 0,26 | 0,26 |
| W&s & Dry lube | n.a. | 0,17 | 0,13 | 0,13 | 0,18 | 0,13 |
| Oil | n.a. | 0,17 | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|---------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | n.a. | 0,32 | 0,29 |
| Water | 0,36 | 0,24 | 0,22 |
| W&s & Dry lube | 0,18 | 0,16 | 0,14 |
| Oil | 0,18 | 0,16 | 0,14 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

SSA



Description

Austenitic Stainless Steel with high resistance to corrosion and acid (AISI 304)
for improved working-load and less friction.

General information

| Material abbreviation | Material | Chemical abbreviation | Allowable application temperatures | | | | | | FDA Approval |
|-----------------------|----------------------------|-----------------------|------------------------------------|-----|-----|---------|-----|-----|--------------|
| | | | Fahrenheit | | | Celsius | | | |
| | | | Min | Max | | Min | Max | | |
| | | | | Dry | Wet | | Dry | Wet | |
| SSA | Austenitic Stainless Steel | AISI 304 | -22 | 750 | 265 | -30 | 400 | 130 | - |

Friction Factors Between Material and Product

| Lubrication | Product Material | | | | | |
|----------------|------------------|---------------|-----------|----------------|--------------------|-------------|
| | Paper & carton | Metal (steel) | Aluminium | Plastics & PET | Glass (returnable) | Glass (new) |
| Dry | 0,43 | 0,38 | 0,34 | 0,30 | 0,33 | 0,33 |
| Water | n.a. | 0,30 | 0,27 | 0,21 | 0,29 | 0,29 |
| W&s & Dry lube | n.a. | 0,15 | 0,14 | 0,14 | 0,15 | 0,15 |
| Oil | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Friction Factors Between Material and Product

| Lubrication | Wearstrip Material | | |
|----------------|--------------------|--------------|---------|
| | Stainless steel | UHMW-PE & PA | BluLub® |
| Dry | 0,40 | 0,30 | 0,30 |
| Water | 0,35 | 0,22 | 0,22 |
| W&s & Dry lube | 0,15 | 0,15 | 0,15 |
| Oil | 0,15 | 0,10 | 0,10 |

Note

Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.