



Katalog

Gummiduk



Rubberstyle AS - Finnestadsvingen 36 - 4029 Stavanger - Tlf. 51542800 - salg@rubberstyle.com

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Descriptions

In the following descriptions any statement of the range of properties shown for a given result is intended for guidance only. Consideration must be given to the environment in which the rubber is to work and the duty it is expected to perform. If any doubt exists on any application or the properties which can be obtained from a specific rubber the manufacturer should be consulted.

SBR rubber sheeting

Styrene-butadiene Rubbers possesses properties similar to those of natural rubber. Temperature range -20°C to + 70°C.

CR (Neoprene) rubber sheeting

Chloroprene, generally known as Neoprene, has more resistance than natural rubber to sunlight, ozone and oxidation. It has good resistance to heat and does not soften as natural rubber does under severe exposure. It has moderate oil resistance but is not suitable for use with petrol. It can be compounded to possess flame retardant properties.

NBR (Nitrile) rubber sheeting

Generally known as Nitrile, it has excellent resistance to water, oil, fuel and other petroleum products. It is superior to most elastomers in compression set, cold flow and abrasion resistance. It does not, however, possess good resistance to ozone, sunlight or weather. Temperature range -20°C to + 80°C.

EPDM rubber sheeting

Ethylene Propylene rubber has outstanding resistance to ageing, weathering, ozone, oxygen and many chemicals. It has high and low temperature stability as well as steam and water resistance. It has a good resistance to glycol-ether hydraulic fluids but is not suitable for contact with petroleum liquids. Operational temperature range -25°C to + 100°C.

NR (Para) rubber sheeting

Natural rubber offers a good balance of properties, particularly for mechanical applications and can be compounded to produce high resilience, good tensile strength, low compression set and high tear properties over a wide range of hardnesses. The abrasion resistance of natural rubber is good. It has better resilience, and maintains flexibility at lower temperatures better than most synthetics. However, natural rubber is less resistant to ozone, petroleum oils and fluids than some of the synthetics. The operational temperature range of natural rubbers is -25°C to + 80°C.

Silicone (MPQ) rubber sheeting

Silicone rubber has excellent resistance to temperature extremes. Temperatures as high as 200°C have a little effect on the physical properties of the elastomer. However, it has poor tensile strength, tear, abrasion and steam resistance. It has very good resistance to sunlight, ozone, oxygen, gases and possesses good electrical insulation properties, water repellency and non adhesiveness. Temperature range -60°C to + 220°C.

Fluor Elastomer (FPM/Viton*) rubber sheeting

Viton* has a good resistance to most chemicals and commercial fluids. It has the ability to retain strength at elevated temperature and to withstand embrittlement during long term heat exposure. Temperature range -15°C to + 250°C.

PU (Polyurethane) sheeting

Polyurethane elastomers have outstanding abrasion resistance at moderate temperatures. It has very high tensile strength, tear strength and load bearing capabilities. It has resistance to oils, certain solvents, greases, ozone, sunlight and weather. Resistance to acids and alkalies is poor. Temperature range -30°C to + 80°C.

(* Registered Trade mark)

| thickness (mm) | tolerances |
|----------------|---------------|
| 0.5 | +0.25 / -0.20 |
| 1 - 1.5 | ± 0.35 |
| 1.6 - 3.5 | ± 0.35 |
| 3.6 - 5.5 | ± 0.4 |
| 5.6 - 6.3 | ± 0.5 |
| 8 | ± 0.7 |
| 10 | ± 0.8 |
| 12 | ± 1.0 |
| 15 | ± 1.5 |
| 20 | ± 1.5 |
| 25 | ± 2.0 |
| 30 | ± 2.0 |
| 35 | ± 3.0 |
| 40 | ± 4.0 |
| 50 | ± 4.0 |
| 60 | ± 4.5 |

± 24 mm in width
± 200 mm in length

Choosing rubber sheeting

Quickly find the right rubber sheeting quality for your application

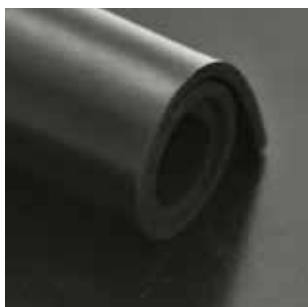
| application | SBR | CR | NBR | White NBR | EPDM | NR | Silicone | Viton | PU |
|--------------------------|-----|----|-----|-----------|------|----|----------|-------|----|
| Suitable for outdoor use | | | | | ✓ | | ✓ | | ✓ |
| Industrial applications | ✓ | ✓ | | | | | | ✓ | ✓ |
| Food industry | | | | ✓ | | | ✓ | | |

| Property/resistance | SBR | CR | NBR | White NBR | EPDM | NR | Silicone | Viton | PU |
|---------------------|-----|----|-----|-----------|------|----|----------|-------|----|
| Heat resistant | | | | | | | ✓ | ✓ | |
| Oil resistant | | | ✓ | ✓ | | | | ✓ | ✓ |
| Petrol resistant | | | ✓ | | | | | ✓ | |
| Water resistant | | | ✓ | ✓ | ✓ | | ✓ | | |
| Weatherproof | | ✓ | | | ✓ | | | | ✓ |
| Ozone resistant | | ✓ | | | ✓ | | | ✓ | ✓ |
| Cold-resistant | | | | | | ✓ | | ✓ | |
| Abrasion resistant | ✓ | | ✓ | ✓ | | ✓ | | | ✓ |
| Chemical resistance | | ✓ | | | | | | ✓ | |
| Greases | | | ✓ | ✓ | | | | ✓ | ✓ |
| Glycol (antifreeze) | | | | | ✓ | | | | |
| Acids | | | ✓ | | ✓ | | | | |
| Oxygen | | | | | | | ✓ | ✓ | |
| Gases | | | | | | | ✓ | | |
| Page | 7 | 12 | 14 | 15 | 16 | 18 | 21 | 22 | 23 |

Note: the Quick choice chart should only be used as an indication, for more detailed information refer to the Chemical resistance chart (p. 24-32).

Populair 150

rolls



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : SBR |
| hardness | : 70° Shore A ± 5° |
| working temperature | : -20°C to +70°C |
| colour | : black |
| tensile strength | : 3 MPa |
| density | : 1.50 g/cm ³ |
| execution | : both sides smooth |

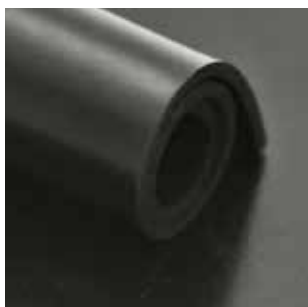
Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● medium |
| concentrated acids and bases | : ● non suitable |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|------------|-------------------------------|
| 4601000140 | 1 | 1400 | 20000 | - | 1,5 |
| 4601500140 | 1,5 | 1400 | 15000 | - | 2,25 |
| 4601510140 | 1,5 | 1400 | 15000 | 1 | 2,25 |
| 4602000120 | 2 | 1200 | 10000 | - | 3 |
| 4602000140 | 2 | 1400 | 10000 | - | 3 |
| 4602010120 | 2 | 1200 | 10000 | 1 | 3 |
| 4602010140 | 2 | 1400 | 10000 | 1 | 3 |
| 4603000120 | 3 | 1200 | 10000 | - | 4,5 |
| 4603000140 | 3 | 1400 | 10000 | - | 4,5 |
| 4603010120 | 3 | 1200 | 10000 | 1 | 4,5 |
| 4603010140 | 3 | 1400 | 10000 | 1 | 4,5 |
| 4603020120 | 3 | 1200 | 10000 | 2 | 4,5 |
| 4603020140 | 3 | 1400 | 10000 | 2 | 4,5 |
| 4604000120 | 4 | 1200 | 10000 | - | 6 |
| 4604000140 | 4 | 1400 | 10000 | - | 6 |
| 4604010120 | 4 | 1200 | 10000 | 1 | 6 |
| 4604010140 | 4 | 1400 | 10000 | 1 | 6 |
| 4604020120 | 4 | 1200 | 10000 | 2 | 6 |
| 4604020140 | 4 | 1400 | 10000 | 2 | 6 |
| 4605000120 | 5 | 1200 | 10000 | - | 7,5 |
| 4605000140 | 5 | 1400 | 10000 | - | 7,5 |
| 4605010120 | 5 | 1200 | 10000 | 1 | 7,5 |
| 4605010140 | 5 | 1400 | 10000 | 1 | 7,5 |
| 4605020120 | 5 | 1200 | 10000 | 2 | 7,5 |
| 4605020140 | 5 | 1400 | 10000 | 2 | 7,5 |

Populair 150

rolls



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : SBR/NR |
| hardness | : 70° Shore A ± 5° |
| working temperature | : -20°C tot +70°C |
| colour | : black |
| tensile strength | : 3 MPa |
| density | : 1,50 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● medium |
| concentrated acids and bases | : ● non suitable |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|------------|-------------------------------|
| 4606000120 | 6 | 1200 | 10000 | - | 9 |
| 4606000140 | 6 | 1400 | 10000 | - | 9 |
| 4606020140 | 6 | 1400 | 10000 | 2 | 9 |
| 4606020120 | 6 | 1200 | 10000 | 2 | 9 |
| 4608000120 | 8 | 1200 | 5000 | - | 12 |
| 4608000140 | 8 | 1400 | 5000 | - | 12 |
| 4608020120 | 8 | 1200 | 5000 | 2 | 12 |
| 4608020140 | 8 | 1400 | 5000 | 2 | 12 |
| 4610000101 | 10 | 1000 | 10000 | - | 14 |
| 4610000120 | 10 | 1200 | 5000 | - | 15 |
| 4610000140 | 10 | 1400 | 5000 | - | 15 |
| 4610020120 | 10 | 1200 | 10000 | 2 | 15 |
| 4610020140 | 10 | 1400 | 5000 | 2 | 15 |
| 4612000140 | 12 | 1400 | 5000 | - | 18 |
| 4612020140 | 12 | 1400 | 5000 | 2 | 18 |
| 4615000140 | 15 | 1400 | 5000 | - | 22,5 |
| 4615020140 | 15 | 1400 | 5000 | 2 | 22,5 |
| 4620000140 | 20 | 1400 | 5000 | - | 30 |

Populair 150
plates



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

quality : SBR/NR
 hardness : 70° Shore A ± 5°
 working temperature : -20°C tot +70°C
 colour : black
 tensile strength : 3 MPa
 density : 1.50 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● medium
 concentrated acids and bases : ● non suitable
 ozone : ● medium
 oils and hydrocarbons : ● non suitable

| article code | thickness (mm) | dimensions (mm) | weight (kilo/m ²) |
|--------------|----------------|-----------------|-------------------------------|
| 4615000100 | 15 | 1000 x 1000 | 22,5 |
| 4620000100 | 20 | 1000 x 1000 | 30 |
| 4625000100 | 25 | 1000 x 1000 | 37,5 |
| 4625000120 | 25 | 2500 x 1200 | 37,5 |
| 4630000100 | 30 | 1000 x 1000 | 45 |
| 4630000120 | 30 | 2500 x 1200 | 45 |
| 4640000100 | 40 | 1000 x 1000 | 60 |
| 4640000120 | 40 | 2500 x 1200 | 60 |
| 4650000100 | 50 | 1000 x 1000 | 75 |
| 4650000110 | 50 | 1000 x 1200 | 75 |
| 4650000120 | 50 | 2500 x 1200 | 75 |
| 4660000100 | 60 | 1000 x 1000 | 90 |
| 4680000100 | 80 | 1000 x 1000 | 120 |
| 4699000100 | 100 | 1000 x 1000 | 150 |

Populair 150 strips



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : SBR/NR |
| hardness | : 70° Shore A ± 5° |
| working temperature | : -20°C tot +70°C |
| colour | : black |
| tensile strength | : 3 MPa |
| density | : 1,50 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● medium |
| concentrated acids and bases | : ● non suitable |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) |
|--------------|----------------|------------|-------------|
| 4699903003 | 3 | 30 | 10000 |
| 4699903004 | 4 | 30 | 10000 |
| 4699904003 | 3 | 40 | 10000 |
| 4699905005 | 5 | 50 | 10000 |
| 4699910003 | 3 | 100 | 10000 |
| 4699920003 | 3 | 200 | 10000 |
| 4699920010 | 10 | 200 | 5000 |
| 4699910020 | 20 | 100 | 5000 |
| 4699920020 | 20 | 200 | 5000 |
| 4699920030 | 30 | 200 | 5000 |

Populair 150 strips with adhesive



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

| | |
|---------------------|--|
| quality | : SBR/NR |
| hardness | : 70° Shore A ± 5° |
| working temperature | : -20°C tot +70°C |
| colour | : black |
| tensile strength | : 3 MPa |
| density | : 1,50 g/cm ³ |
| execution | : one side smooth, other side self-adhesive |

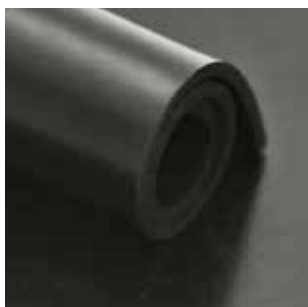
Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● medium |
| concentrated acids and bases | : ● non suitable |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) |
|--------------|----------------|------------|-------------|
| 4699803003 | 3 | 30 | 10000 |
| 4699804003 | 3 | 40 | 10000 |
| 4699805003 | 3 | 50 | 10000 |
| 4699806003 | 3 | 60 | 10000 |
| 4699810003 | 3 | 100 | 10000 |

Populair 70 - rolls

one side cloth impression



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

quality : SBR/NR
 hardness : 70° Shore A ± 5°
 working temperature : -20°C tot +70°C
 colour : black
 tensile strength : 3 MPa
 density : 1,50 g/cm³
 execution : One side smooth, with cloth impression on the other side.

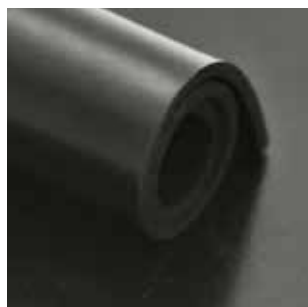
Chemical resistance

diluted acids and bases : ● medium
 concentrated acids and bases : ● non suitable
 ozone : ● medium
 oils and hydrocarbons : ● non suitable

| article code | thickness (mm) | width (mm) | length (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|------------|-------------------------------|
| 4601001140 | 1 | 1400 | 10000 | - | 1,5 |
| 4601501140 | 1,5 | 1400 | 10000 | - | 2,25 |
| 4602001140 | 2 | 1400 | 10000 | - | 3 |
| 4602011140 | 2 | 1400 | 20000 | 1 | 3 |
| 4603001140 | 3 | 1400 | 10000 | - | 4,5 |
| 4603001180 | 3 | 1800 | 10000 | - | 4,5 |
| 4603011140 | 3 | 1400 | 10000 | 1 | 4,5 |
| 4603021140 | 3 | 1400 | 10000 | 2 | 4,5 |
| 4604001140 | 4 | 1400 | 10000 | - | 6 |
| 4604011140 | 4 | 1400 | 10000 | 1 | 6 |
| 4604021125 | 4 | 1250 | 10000 | 2 | 6 |
| 4605001140 | 5 | 1400 | 10000 | - | 7,5 |
| 4605021140 | 5 | 1400 | 10000 | 2 | 7,5 |
| 4606001140 | 6 | 1400 | 10000 | - | 9 |
| 4606021140 | 6 | 1400 | 10000 | 2 | 9 |

Neoprene 150

rolls



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : CR/SBR |
| hardness | : 65° Shore A ± 5° |
| working temperature | : -20°C tot +80°C |
| colour | : black |
| tensile strength | : 5 MPa |
| density | : 1,40 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● medium |
| concentrated acids and bases | : ● non suitable |
| ozone | : ● medium |
| oils and hydrocarbons | : ● medium |

| article code | thickness (mm) | width (mm) | length (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|------------|-------------------------------|
| 4801000140 | 1 | 1400 | 20000 | - | 1,5 |
| 4801500140 | 1,5 | 1400 | 15000 | - | 2,25 |
| 4801510140 | 1,5 | 1400 | 15000 | 1 | 2,25 |
| 4802000140 | 2 | 1400 | 10000 | - | 3 |
| 4802010140 | 2 | 1400 | 10000 | 1 | 3 |
| 4803000140 | 3 | 1400 | 10000 | - | 4,5 |
| 4803010140 | 3 | 1400 | 10000 | 1 | 4,5 |
| 4803020140 | 3 | 1400 | 10000 | 2 | 4,5 |
| 4804000140 | 4 | 1400 | 10000 | - | 6 |
| 4804010140 | 4 | 1400 | 10000 | 1 | 6 |
| 4804020140 | 4 | 1400 | 10000 | 2 | 6 |
| 4805000140 | 5 | 1400 | 10000 | - | 7,5 |
| 4805010140 | 5 | 1400 | 10000 | 1 | 7,5 |
| 4805020140 | 5 | 1400 | 10000 | 2 | 7,5 |
| 4806000140 | 6 | 1400 | 10000 | - | 9 |
| 4806020140 | 6 | 1400 | 10000 | 2 | 9 |
| 4808000140 | 8 | 1400 | 5000 | - | 12 |
| 4808020140 | 8 | 1400 | 5000 | 2 | 12 |
| 4810000140 | 10 | 1400 | 5000 | - | 15 |
| 4810020140 | 10 | 1400 | 5000 | 2 | 15 |
| 4812000140 | 12 | 1400 | 5000 | - | 18 |
| 4815000140 | 15 | 1400 | 5000 | - | 22,5 |
| 4820000140 | 20 | 1400 | 5000 | - | 30 |
| 4825000140 | 25 | 1400 | 5000 | - | 37,5 |

Neoprene 150 plates



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

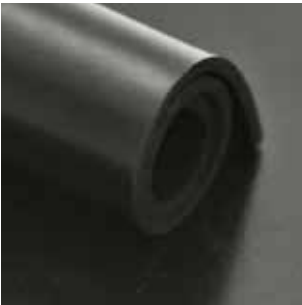
| | |
|---------------------|--------------------------|
| quality | : CR/SBR |
| hardness | : 65° Shore A ± 5° |
| working temperature | : -20°C tot +80°C |
| colour | : black |
| tensile strength | : 5 MPa |
| density | : 1,40 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● medium |
| concentrated acids and bases | : ● non suitable |
| ozone | : ● medium |
| oils and hydrocarbons | : ● medium |

| article code | thickness (mm) | dimensions (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|-----------------|------------|-------------------------------|
| 4815000100 | 15 | 1000 x 1000 | - | 23 |
| 4820000100 | 20 | 1000 x 1000 | - | 30 |
| 4825000100 | 25 | 1000 x 1000 | - | 38 |
| 4830000100 | 30 | 1000 x 1000 | - | 45 |

Neoprene 40 rolls



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : CR/SBR |
| hardness | : 40° Shore A ± 5° |
| working temperature | : -20°C tot +80°C |
| colour | : black |
| tensile strength | : 5 MPa |
| density | : 1,40 g/cm ³ |
| execution | : both sides smooth |

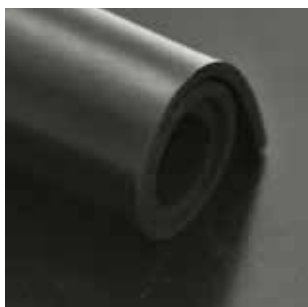
Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● medium |
| concentrated acids and bases | : ● non suitable |
| ozone | : ● medium |
| oils and hydrocarbons | : ● medium |

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 5602000140 | 2 | 1400 | 10000 | 2,5 |
| 5603000140 | 3 | 1400 | 10000 | 4 |
| 5604000140 | 4 | 1400 | 10000 | 5,5 |
| 5605000140 | 5 | 1400 | 10000 | 6,5 |
| 5606000140 | 6 | 1400 | 10000 | 8 |
| 5608000120 | 8 | 1200 | 5000 | 11 |
| 5610000120 | 10 | 1200 | 5000 | 13 |

Nitril 150

rolls

**Applications**

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with oils and hydrocarbons (swelling in IRM 903, 70 hours at 100°C, volume ≤ 30 %).

Characteristics

quality : NBR/SBR
 hardness : 65° Shore A ± 5°
 working temperature : -20°C tot +80°C
 colour : black
 tensile strength : 5 MPa
 density : 1,40 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● very good
 concentrated acids and bases : ● good
 ozone : ● medium
 oils and hydrocarbons : ● good

| article code | thickness (mm) | width (mm) | length (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|------------|-------------------------------|
| 4701000140 | 1 | 1400 | 20000 | - | 1,5 |
| 4701500140 | 1,5 | 1400 | 15000 | - | 2,25 |
| 4701510140 | 1,5 | 1400 | 15000 | 1 | 2,25 |
| 4702000140 | 2 | 1400 | 10000 | - | 3 |
| 4702010140 | 2 | 1400 | 10000 | 1 | 3 |
| 4703000140 | 3 | 1400 | 10000 | - | 4,5 |
| 4703010140 | 3 | 1400 | 10000 | 1 | 4,5 |
| 4703020140 | 3 | 1400 | 10000 | 2 | 4,5 |
| 4704000140 | 4 | 1400 | 10000 | - | 6 |
| 4704010140 | 4 | 1400 | 10000 | 1 | 6 |
| 4704020140 | 4 | 1400 | 10000 | 2 | 6 |
| 4705000140 | 5 | 1400 | 10000 | - | 7,5 |
| 4705010140 | 5 | 1400 | 10000 | 1 | 7,5 |
| 4705020140 | 5 | 1400 | 10000 | 2 | 7,5 |
| 4706000140 | 6 | 1400 | 10000 | - | 9 |
| 4706020140 | 6 | 1400 | 10000 | 2 | 9 |
| 4708000140 | 8 | 1400 | 5000 | - | 12 |
| 4708020140 | 8 | 1400 | 5000 | 2 | 12 |
| 4710000140 | 10 | 1400 | 5000 | - | 15 |
| 4710020140 | 10 | 1400 | 5000 | 2 | 15 |
| 4712000140 | 12 | 1400 | 5000 | - | 18 |
| 4715000140 | 15 | 1400 | 5000 | - | 22,5 |
| 4720000140 | 20 | 1400 | 5000 | - | 30 |

Anodoro Extra rolls



Applications

This sheeting is used for general gaskets, countertops and skirting in all areas of food processing. Nontoxic and non-marking. Also approved for food processing, pharmaceutical and cosmetics manufacturing.

Characteristics

quality : NBR
 hardness : 60° Shore A ± 5°
 working temperature : -20°C tot +80°C
 colour : white
 tensile strength : 5 MPa
 density : 1,55 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● very good
 concentrated acids and bases : ● good
 ozone : ● medium
 oils and hydrocarbons : ● very good

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 4102000140 | 2 | 1400 | 10000 | 3 |
| 4103000140 | 3 | 1400 | 10000 | 4,5 |
| 4104000140 | 4 | 1400 | 10000 | 6 |
| 4105000140 | 5 | 1400 | 10000 | 7,5 |
| 4106000140 | 6 | 1400 | 10000 | 9 |
| 4108000120 | 8 | 1200 | 5000 | 12 |
| 4110000120 | 10 | 1200 | 5000 | 15 |

Anodoro Special rolls



Applications

This sheeting is used for general gaskets, countertops and skirting in all areas of food processing. Nontoxic and non-marking. Also approved for food processing, pharmaceutical and cosmetics manufacturing.

Characteristics

quality : NBR
 hardness : 50° Shore A ± 5°
 working temperature : -20°C tot +80°C
 colour : white
 tensile strength : 7 MPa
 density : 1,45 g/cm³
 execution : both sides smooth

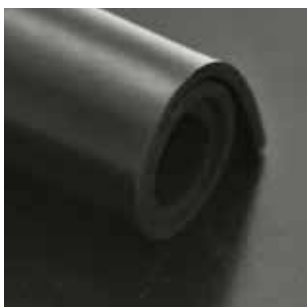
Chemical resistance

diluted acids and bases : ● very good
 concentrated acids and bases : ● good
 ozone : ● medium
 oils and hydrocarbons : ● very good

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 4106000140S | 6 | 1400 | 10000 | 8,7 |
| 4108000140S | 8 | 1400 | 5000 | 11,6 |
| 4110000140S | 10 | 1400 | 5000 | 14,5 |

EPDM 150

rolls



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with water, oxidizing and non oxidizing diluted acids.

Characteristics

quality : EPDM/SBR
 hardness : 65° Shore A ± 5°
 working temperature : -25°C tot +100°C
 colour : black
 tensile strength : 5 MPa
 density : 1,40 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● very good
 concentrated acids and bases : ● medium
 ozone : ● very good
 oils and hydrocarbons : ● non suitable

| article code | thickness (mm) | width (mm) | length (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|------------|-------------------------------|
| 5001000140 | 1 | 1400 | 20000 | - | 1,3 |
| 5001500140 | 1,5 | 1400 | 15000 | - | 2 |
| 5002000140 | 2 | 1400 | 10000 | - | 2,6 |
| 5003000140 | 3 | 1400 | 10000 | - | 4 |
| 5004000140 | 4 | 1400 | 10000 | - | 5 |
| 5005000140 | 5 | 1400 | 10000 | - | 7 |
| 5006000140 | 6 | 1400 | 10000 | - | 8 |
| 5008000140 | 8 | 1400 | 5000 | - | 10,5 |
| 5010000140 | 10 | 1400 | 5000 | - | 13 |
| 5012000140 | 12 | 1400 | 5000 | - | 16 |
| 5015000140 | 15 | 1400 | 5000 | - | 21 |
| 5020000140 | 20 | 1400 | 5000 | - | 26 |

EPDM 150 plates



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with water, oxidizing and non oxidizing diluted acids.

Characteristics

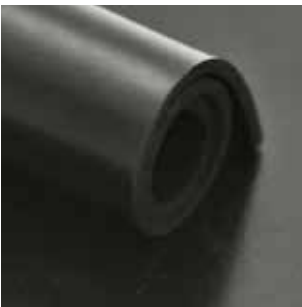
quality : EPDM/SBR
 hardness : 65° Shore A ± 5°
 working temperature : -25°C tot +100°C
 colour : black
 tensile strength : 5 MPa
 density : 1,40 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● very good
 concentrated acids and bases : ● medium
 ozone : ● very good
 oils and hydrocarbons : ● non suitable

| article code | thickness (mm) | dimensions (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|-----------------|------------|-------------------------------|
| 5010000100 | 10 | 1000 x 1000 | - | 13 |
| 5015000100 | 15 | 1000 x 1000 | - | 21 |
| 5020000100 | 20 | 1000 x 1000 | - | 26 |

EPDM 25 rolls



Applications

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with mineral and vegetable oil, non aromatic grease and hydrocarbons.

Characteristics

quality : EPDM
 hardness : 27° Shore A ± 5°
 working temperature : -25°C tot +100°C
 colour : black
 tensile strength : 10 MPa
 density : 1,15 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● very good
 concentrated acids and bases : ● medium
 ozone : ● very good
 oils and hydrocarbons : ● non suitable

| article code | thickness (mm) | width (mm) | length (mm) | insertions | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|------------|-------------------------------|
| 50300140 | 3 | 1400 | 10000 | - | 3,45 |
| 50500140 | 5 | 1400 | 10000 | - | 5,75 |

Para brown rolls



Applications

Natural rubber sheeting is outstanding regarding its abrasion resistance. The most used product in environments where the material is exposed for constant friction of abrasive materials.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : NR |
| hardness | : 45° Shore A ± 5° |
| working temperature | : -25°C tot +80°C |
| colour | : brown |
| tensile strength | : 20 MPa |
| density | : 1,05 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● very good |
| concentrated acids and bases | : ● good |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 4201000140 | 1 | 1400 | 20000 | 1 |
| 4201500140 | 1,5 | 1400 | 15000 | 1,5 |
| 4202000140 | 2 | 1400 | 10000 | 2 |
| 4203000140 | 3 | 1400 | 10000 | 3,5 |
| 4204000140 | 4 | 1400 | 10000 | 4,5 |
| 4205000140 | 5 | 1400 | 10000 | 5,5 |
| 4206000140 | 6 | 1400 | 10000 | 6,5 |
| 4208000140 | 8 | 1400 | 5000 | 8,5 |
| 4210000140 | 10 | 1400 | 5000 | 10,5 |
| 4212000140 | 12 | 1400 | 5000 | 12,5 |
| 4215000140 | 15 | 1400 | 5000 | 15,5 |
| 4220000140 | 20 | 1400 | 5000 | 21 |

Para grey rolls



Applications

Natural rubber sheeting is outstanding regarding its abrasion resistance. The most used product in environments where the material is exposed for constant friction of abrasive materials.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : NR |
| hardness | : 45° Shore A ± 5° |
| working temperature | : -25°C tot +80°C |
| colour | : grey |
| tensile strength | : 20 MPa |
| density | : 1,05 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● very good |
| concentrated acids and bases | : ● good |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 3702000140 | 2 | 1400 | 10000 | 2 |
| 3703000140 | 3 | 1400 | 10000 | 3,5 |
| 3704000140 | 4 | 1400 | 10000 | 4,5 |
| 3705000140 | 5 | 1400 | 10000 | 5,5 |
| 3706000140 | 6 | 1400 | 10000 | 6,5 |
| 3708000140 | 8 | 1400 | 5000 | 8,5 |
| 3710000140 | 10 | 1400 | 5000 | 10,5 |

Abrasion resistant red rolls



Applications

Natural rubber sheeting is outstanding regarding its abrasion resistance. The most used product in environments where the material is exposed for constant friction of abrasive materials.

Characteristics

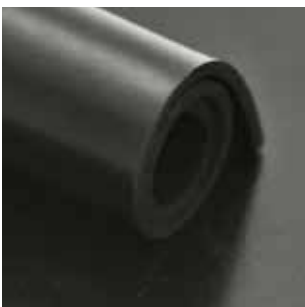
| | |
|---------------------|--------------------------|
| quality | : NR |
| hardness | : 40 Shore A \pm 5° |
| working temperature | : -25°C tot +80°C |
| colour | : red |
| tensile strength | : 16 MPa |
| density | : 1,05 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● very good |
| concentrated acids and bases | : ● good |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 5102000140 | 2 | 1400 | 10000 | 2 |
| 5103000140 | 3 | 1400 | 10000 | 3,5 |
| 5104000140 | 4 | 1400 | 10000 | 4,5 |
| 5105000140 | 5 | 1400 | 10000 | 5,5 |
| 5106000140 | 6 | 1400 | 10000 | 6,5 |
| 5108000140 | 8 | 1400 | 5000 | 8,5 |
| 5110000140 | 10 | 1400 | 5000 | 10,5 |

Abrasion resistant black rolls



Applications

Natural rubber sheeting is outstanding regarding its abrasion resistance. The most used product in environments where the material is exposed for constant friction of abrasive materials.

Characteristics

| | |
|---------------------|--------------------------|
| quality | : NR |
| hardness | : 60° Shore A \pm 5° |
| working temperature | : -25°C tot +80°C |
| colour | : black |
| tensile strength | : 15 MPa |
| density | : 1,20 g/cm ³ |
| execution | : both sides smooth |

Chemical resistance

| | |
|------------------------------|------------------|
| diluted acids and bases | : ● very good |
| concentrated acids and bases | : ● good |
| ozone | : ● medium |
| oils and hydrocarbons | : ● non suitable |

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 5204000140 | 4 | 1400 | 10000 | 4,5 |
| 5205000140 | 5 | 1400 | 10000 | 5,5 |
| 5206000140 | 6 | 1400 | 10000 | 6,5 |
| 5208000140 | 8 | 1400 | 5000 | 8,5 |

Silicone translucent rolls



Applications

Silicone rubber has excellent resistance to temperature extremes. Temperatures as high as 220 °C have a little effect on the physical properties of the elastomer. It possesses good electrical insulation properties, water repellency and non adhesiveness.

Characteristics

quality : MPQ
 hardness : 60° Shore A ± 5°
 working temperature : -60°C tot +220°C
 colour : translucent
 tensile strength : 6,5 MPa
 density : 1,25 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● good
 concentrated acids and bases : ● good
 ozone : ● very good
 oils and hydrocarbons : ● good

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 3900300120 | 0,3 | 1200 | 10000 | 0,4 |
| 3900500120 | 0,5 | 1200 | 10000 | 0,6 |
| 3901000120 | 1 | 1200 | 10000 | 1,2 |
| 3901500120 | 1,5 | 1200 | 10000 | 1,8 |
| 3902000120 | 2 | 1200 | 10000 | 2,4 |
| 3903000120 | 3 | 1200 | 10000 | 3,6 |
| 3904000120 | 4 | 1200 | 10000 | 4,8 |
| 3905000120 | 5 | 1200 | 10000 | 6,0 |
| 3906000120 | 6 | 1200 | 10000 | 7,2 |
| 3908000120 | 8 | 1200 | 5000 | 9,6 |
| 3910000120 | 10 | 1200 | 5000 | 12,0 |

Silicone red rolls



Applications

Silicone rubber has excellent resistance to temperature extremes. Temperatures as high as 220 °C have a little effect on the physical properties of the elastomer. It possesses good electrical insulation properties, water repellency and non adhesiveness.

Characteristics

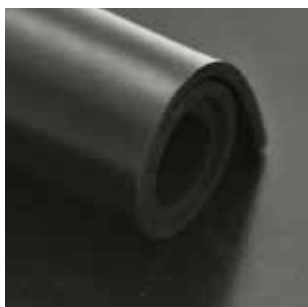
quality : MPQ
 hardness : 60° Shore A ± 5°
 working temperature : -60°C tot +220°C
 colour : red
 tensile strength : 6,5 MPa
 density : 1,25 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● good
 concentrated acids and bases : ● good
 ozone : ● very good
 oils and hydrocarbons : ● good

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m ²) |
|--------------|----------------|------------|-------------|-------------------------------|
| 4500300120 | 0,3 | 1200 | 10000 | 0,4 |
| 4500500120 | 0,5 | 1200 | 10000 | 0,6 |
| 4501000120 | 1 | 1200 | 10000 | 1,2 |
| 4501500120 | 1,5 | 1200 | 10000 | 1,8 |
| 4502000120 | 2 | 1200 | 10000 | 2,4 |
| 4503000120 | 3 | 1200 | 10000 | 3,6 |
| 4504000120 | 4 | 1200 | 10000 | 4,8 |
| 4505000120 | 5 | 1200 | 10000 | 6,0 |
| 4506000120 | 6 | 1200 | 10000 | 7,2 |
| 4508000120 | 8 | 1200 | 5000 | 9,6 |
| 4510000120 | 10 | 1200 | 5000 | 12,0 |

Dupont Viton® rolls



Applications

Original Viton® is based on 100% Genuine Viton polymer and is created according strict guidelines of DuPont Performance Elastomers. Viton® has a good resistance to most chemicals and commercial fluids. It has the ability to retain strength at elevated temperature and to withstand embrittlement during long term of exposure.

Characteristics

quality : FPM
 hardness : 75° Shore A ± 5°
 working temperature : -15°C tot +250°C
 colour : black
 tensile strength : 13 MPa
 density : 1,90 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● very good
 concentrated acids and bases : ● very good
 ozone : ● very good
 oils and hydrocarbons : ● good

| article code | thickness (mm) | width (mm) | length (mm) | weight (kilo/m²) |
|--------------|----------------|------------|-------------|------------------|
| 4301000120 | 1 | 1200 | 1000 | 2 |
| 4302000120 | 2 | 1200 | 1000 | 4 |
| 4303000120 | 3 | 1200 | 1000 | 6 |
| 4304000120 | 4 | 1200 | 1000 | 8 |
| 4305000120 | 5 | 1200 | 1000 | 10 |
| 4306000120 | 6 | 1200 | 1000 | 12 |
| 4308000120 | 8 | 1200 | 1000 | 16 |
| 4310000120 | 10 | 1200 | 1000 | 20 |

Polyurethane
plates



Applications

Polyurethane elastomers (PU) have outstanding abrasion resistance at moderate temperatures. They have very high tensile strength, tear strength and load bearing capabilities. They are resistant to oils, certain solvents, greases, ozone, sunlight and weather. Resistance to acids and alkalis is poor.

Characteristics

quality : PU
 working temperature : -30°C tot +80°C
 colour : brown
 tensile strength : 70° Shore ≤ 40 MPa
 tensile strength : 90° Shore ≥ 45 MPa
 density : 1,25 g/cm³
 execution : both sides smooth

Chemical resistance

diluted acids and bases : ● good
 concentrated acids and bases : ● medium
 ozone : ● good
 oils and hydrocarbons : ● medium

| article code | thickness (mm) | dimensions (mm) | hardness |
|--------------|----------------|-----------------|-----------|
| 5702000102 | 2 | 2000 x 1000 | 70° Shore |
| 5703000103 | 3 | 2000 x 1000 | 70° Shore |
| 5704000104 | 4 | 2000 x 1000 | 70° Shore |
| 5705000105 | 5 | 2000 x 1000 | 70° Shore |
| 5706000106 | 6 | 2000 x 1000 | 70° Shore |
| 5708000108 | 8 | 2000 x 1000 | 70° Shore |
| 5710000110 | 10 | 2000 x 1000 | 70° Shore |
| 5712000112 | 12 | 2000 x 1000 | 70° Shore |
| 5715000115 | 15 | 2000 x 1000 | 70° Shore |

| article code | thickness (mm) | dimensions (mm) | hardness |
|--------------|----------------|-----------------|-----------|
| 5802000102 | 2 | 2000 x 1000 | 90° Shore |
| 5803000103 | 3 | 2000 x 1000 | 90° Shore |
| 5804000104 | 4 | 2000 x 1000 | 90° Shore |
| 5805000105 | 5 | 2000 x 1000 | 90° Shore |
| 5806000106 | 6 | 2000 x 1000 | 90° Shore |
| 5808000108 | 8 | 2000 x 1000 | 90° Shore |
| 5810000110 | 10 | 2000 x 1000 | 90° Shore |
| 5812000112 | 12 | 2000 x 1000 | 90° Shore |
| 5815000115 | 15 | 2000 x 1000 | 90° Shore |

| | Conc. | Allowable working temp. C°. | SBR | NBR (Nitrile) | CR (Neoprene) | EPDM | MPQ (Silicone) | FPM (Viton) |
|---------------------------------|-------|-----------------------------|-----|---------------|---------------|------|----------------|-------------|
| Acetaldehyde | | | B | C | C | C | A | B |
| Acetamide | | | C | B | B | A | - | - |
| Acetic acid | 10% | 50° | D | D | D | C | - | - |
| Acetic acid | 50% | 50° | D | C | D | D | - | - |
| Acetic acid conc. | | | D | B | C | A | - | - |
| Acetic anhydride | | | B | D | A | B | - | - |
| Acetone | | | A | D | B | A | B | - |
| Acetyl chloride | | | - | - | D | D | - | - |
| Acetylene | | | A | A | B | A | - | - |
| Acrylonitrile | | 50° | D | D | B | C | - | - |
| Adipic acid | | | - | A | - | - | - | A |
| Alum, aqueous | | 65° | A | A | A | A | - | - |
| Aluminium chloride, aqueous | | 65° | A | A | A | A | - | - |
| Aluminium flouride | | 65° | A | A | A | A | - | - |
| Aluminiums sulfate, aqueous | | 65° | A | A | A | A | - | - |
| Ammoium chloride, aqueous | | | A | A | A | A | - | A |
| Ammonia, gas | | | A | A | A | A | A | A |
| Ammonia liquid | | | - | - | - | A | C | - |
| Ammonium carbonate | | 70° | A | D | B | A | - | - |
| Ammonium hydroxide, solution of | | | A | B | A | A | - | - |
| Ammonium nitrate, aqueous | | | A | A | A | A | B | A |
| Ammonium phosphate, aqueous | | | A | A | A | A | A | A |
| Ammonium sulfate, aqueous | | | A | A | A | A | A | A |
| Amyl acetate | | | D | D | D | B | C | - |
| Amyl alcohol | | 50° | A | B | A | A | A | A |
| Amyl borate | | | D | A | A | D | - | A |
| Amyl chloronaphtene | | | D | D | C | D | - | - |
| Amyl naphtalene | | | D | C | D | D | - | - |
| Aniline | | | B | D | C | A | B | A-B |
| Aniline hydrochloride | | | C | B | D | D | - | - |
| Aniline oil | | | D | D | C | C | - | - |
| Animal oil | | | D | A | B | B | - | - |
| Ansul ether | | | D | C | D | C | - | - |
| Arsenic acid | | | - | - | A | A | A | A |
| Asphalt | | | D | B | C | D | B | A |
| Barium chloride, aqueous | | | A | A | A | A | A | A |
| Barium hydroxide | | | A | A | A | A | A | A |
| Barium sulfide | | | A | A | A | A | A | A |
| Beer | | | A | A | A | A | A | A |
| Beet sugar solution | | | A | A | A | A | C | B |
| Benzaldehyde | | | D | D | D | A | - | - |
| Benzene | | | D | D | D | D | - | A-B |
| Benzine | | | D | A | D | D | - | A |
| Benzyl alcohol | | | - | D | B | A | - | - |
| Benzyl benzoat | | | D | D | D | B | - | A |
| Benzyl chloride | | | C | D | D | D | B | A |
| Black liquor | | | A | A | A | A | - | - |
| Blast furnace gas | | | C | C | A | C | - | - |
| Borax, aqueous | | | A | A | A | A | - | - |
| Boric acid, aqueous | | 100° | A | A | A | A | - | - |
| Brake fluid | | 50° | A | D | A | A | - | - |
| Bromine | | | D | D | D | D | - | A |

Key to the table:

A = Very good
 B = Good
 C = Medium
 D = Non suitable
 - = Information missing

NOTE: the table is a resistance chart for the polymers. Finished products are often a mixture of different polymers and the content of the polymer between the finished products can differ.

Chemical resistance chart

| | Conc. | Allowable working temp. C°. | SBR | NBR (Nitrile) | CR (Neoprene) | EPDM | MPQ (Silicone) | FPM (Viton) |
|-------------------------------|--------|-----------------------------|-----|---------------|---------------|------|----------------|-------------|
| Bromo benzene | | | D | D | D | D | - | - |
| Bromo trifluoride | | | D | D | D | D | - | - |
| Bunker oil | | | D | A | D | D | - | - |
| Butadien | | | - | D | B | C | - | A |
| Butane | | | D | A | B | D | C | A |
| Butane liquid | | | D | A | B | D | C | A |
| Butanol | | 100° | A | A | A | A | - | - |
| Butene | | | D | B | C | D | - | - |
| Butter | | 100° | D | A | C | C | A | A |
| Butyl acetate | | | D | D | D | B | C | - |
| Butyl acetyl ricinoleate | | | D | C | D | A | - | - |
| Butyl acrylate | | 50° | D | D | D | D | | |
| Butyl amine | | | D | C | D | D | B | - |
| Butyl benzoate | | | - | - | D | A | - | A |
| Butyl carbitol | | | - | A | C | A | - | A |
| Butyl glycol | | | A | A | B | A | - | - |
| Butyl oleate | | | D | - | D | B | B | A |
| Butyl stearate | | 70° | D | A | D | C | - | - |
| Butylene | | | D | B | C | D | - | A |
| Butyraldehyde | | | C | C | C | B | A | A |
| Calcium bisulfate, aqueous | | | C | A | A | B | A | A |
| Calcium chloride, aqueous | | | A | A | A | A | A | A |
| Calcium hydroxide | | 100° | A | B | A | A | B | A |
| Calcium hypochlorite | 20% | | - | C | B | A | - | - |
| Calcium hypochlorite, aqueous | | | D | D | D | A | C | A |
| Cane sugar solution | | | A | A | A | A | - | - |
| Carbitol | | | B | C | C | B | - | - |
| Carbolic acid (phenol) | | | C | C | C | A | - | - |
| Carbon dioxide | | | A | A | A | A | A | A |
| Carbon disulfide | | | D | C | D | D | - | A |
| Carbon monoxide | | | B | A | A | A | B | A |
| Carbon tetrachloride | | | D | C | D | D | - | - |
| Castor oil | | 100° | A | B | C | A | A | A |
| Chile salpêtre | | | A | A | A | A | - | - |
| Chlorinated solvents | | | D | D | D | D | - | - |
| Chlorine | | | C | D | C | C | - | - |
| Chlorine dioxide | | | - | D | D | C | C | A |
| Chlorine trifluoride | | | - | D | D | D | - | - |
| Chlorine water | 3% | | D | D | D | D | B | B |
| Chloro nitro ethane | | | D | D | D | - | - | - |
| Chloroacetic acid | | | C | C | B | B | - | - |
| Chloroacetone | | | - | D | C | A | - | - |
| Chlorobenzene | | 50° | D | D | D | D | - | - |
| Chlorobromomethane | | | D | D | D | D | - | A |
| Chlorododecane | | | D | D | D | D | - | - |
| Chloroform | | | D | D | D | D | - | A |
| Chloronaphtaline | | | D | D | D | D | - | - |
| Chloroprene | | | D | D | D | D | - | - |
| Chlorosulfonic acid | | | D | D | D | D | - | - |
| Chlortoluol | | | D | D | D | D | - | - |
| Chromic acid, solution | 10-50% | 50° | D | D | D | D | - | A |
| Citric acid | | 70° | A | A | A | A | A | A |

Key to the table:

A = Very good
 B = Good
 C = Medium
 D = Non suitable
 - = Information missing

NOTE: the table is a resistance chart for the polymers. Finished products are often a mixture of different polymers and the content of the polymer between the finished products can differ.

Chemical resistance chart

| | Conc. | Allowable working temp. C°. | SBR | NBR (Nitrile) | CR (Neoprene) | EPDM | MPQ (Silicone) | FPM (Viton) |
|------------------------------------|-------|-----------------------------|-----|---------------|---------------|------|----------------|-------------|
| Coconut oil | | | D | A | B | B | A | A |
| Cod liver oil | | | D | A | B | B | B | A |
| Coke-oven gas | | | B | B | B | D | C | A |
| Copper (II) chloride | | 65° | A | A | B | A | A | A |
| Copper (II) sulfate | | 65° | A | A | A | A | A | A |
| Corn oil | | | D | A | C | B | A | A |
| Cottonseed oil | | 70° | D | A | C | B | A-B | A |
| Creosote | | | D | B | C | D | B | A |
| Cresol i- | | 70° | D | D | D | B | B | A |
| Cumene | | | - | - | D | - | - | - |
| Cyclohexane | | | D | A | C | D | - | A |
| Cyclohexanol | | | D | B | A | D | B | A |
| Cyclohexanone | | | D | D | D | A | B | C |
| Cymene | | | D | D | D | D | - | - |
| Decalin cis-/trans- | | | D | - | D | - | - | A |
| Decane | | | D | D | D | - | - | - |
| Diacetone | | | - | - | - | A | - | - |
| Diacetone alcohol | | | D | D | A | A | A | - |
| Dibenzyl ether | | | D | D | D | B | B | A |
| Dibenzyl sebacate | | | - | - | D | B | A | B |
| Dibutyl amine | | | D | D | D | D | C | - |
| Dibutyl ether | | | D | C | C | C | - | - |
| Dibutyl phthalate | | | D | D | D | A | - | - |
| Dibutyl sebacate | | | D | D | D | B | A | B |
| Dichlore isopropyl ether | | | D | D | D | C | - | C |
| Dichlorobenzene | | | D | D | D | D | - | - |
| Dicyclohexylamine | | | D | B | D | D | - | - |
| Diesel fuel | | | D | A | C | D | - | - |
| Diethyl amine | | | D | B | C | D | B | - |
| Diethyl benzene | | | D | D | D | D | - | - |
| Diethyl sebacate | | | - | D | D | B | - | - |
| Diethylene glycol | | 100° | A | A | A | A | B | A |
| Diisobutylene (mixture of isomers) | | | - | B | C | - | - | - |
| Diisopropyl benzene | | | D | D | D | D | - | - |
| Diisopropyl ketone | | | D | D | D | B | - | - |
| Dimethyl aniline | | | D | D | D | B | B | A |
| Dimethyl formamide N, N- | | | B | B | D | B | B | - |
| Dimethyl phthalate | | | D | D | D | B | - | B |
| Dinitrotoluene | | | D | D | D | D | - | - |
| Diocetyl phthalate | | 100° | D | C | D | B | - | - |
| Diocetyl sebacate | | | D | C | D | B | - | - |
| Dioxane | | | D | D | D | - | - | - |
| Dioxolane | | | D | D | D | B | - | - |
| Dipentene | | | D | B | D | D | - | - |
| Diphenyl | | 70° | D | D | D | D | - | A |
| Diphenyl oxide | | | D | D | D | A | B | C |
| Epichlorohydrin | | 50° | D | D | D | B | - | - |
| Ethanol | | 50° | A | A | A | A | A | A |
| Ethanolamine | | 70° | A | A | B | A | - | - |
| Ether | | | D | B | D | C | - | - |
| Ethyl acrylate | | | - | D | D | B | - | - |
| Ethyl benzene | | | D | D | D | D | - | - |

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| Ethyl benzoate | | | - | - | - | B | - | - |
| Ethyl chloride | | | B | B | B | A | - | - |
| Ethyl chlorocarbonate | | | D | - | C | - | - | - |
| Ethyl chloroformiate | | | - | - | C | - | - | - |
| Ethyl formiate | | | D | D | B | B | - | - |
| Ethyl glycol | | | C | A | A | B | - | - |
| Ethyl glycol acetate | | | C | D | D | A | - | - |
| Ethyl mercaptane | | | D | D | D | D | - | - |
| Ethyl oxalate | | | A | D | C | A | - | - |
| Ethyl pentachlorobenzene | | | D | C | D | D | - | - |
| Ethyl silicate | | | B | A | A | A | - | - |
| Ethylacetate | | | C | D | C | A | - | - |
| Ethylacetoacetate | | | C | D | C | B | - | - |
| Ethylcellulose | | | A | A | A | B | - | - |
| Ethylene | | | - | A | - | - | - | - |
| Ethylene chloride | | | D | D | D | B | - | - |
| Ethylene chlorohydrine | | | C | D | A | - | - | - |
| Ethylene diamine | | | B | A | A | A | - | - |
| Ethylene glycol | | 100° | A | A | B | A | - | - |
| Ethylene oxide | | | - | D | D | C | - | - |
| FCKW 12 | | | D | B | A | B | - | - |
| FKW 125 | | | C | A | C | A | - | - |
| FKW 134A | | | B | A | B | A | - | - |
| Fluid 101 | | 100° | D | A | D | D | - | - |
| Fluorine, liquid | | | - | - | D | C | - | - |
| Fluoro benzene | | | D | D | D | D | - | A |
| Fluoroboric acid | | | A | A | A | A | - | - |
| Fluorochloro etylene | | | - | D | - | - | - | - |
| Formaldehyde | | | - | - | - | - | A | A |
| Formic acid | 10% | 60° | B | B | B | B | - | - |
| Formic acid | | 70° | B | C | C | B | B | C |
| Freon 11 | | | B | A | A | D | - | - |
| Freon 112 | | | D | B | C | D | - | - |
| Freon 113 | | | B | A | A | C | - | - |
| Freon 114 | | | A | A | A | A | - | - |
| Freon 114 B2 | | | C | B | A | D | - | - |
| Freon 115 | | | A | A | A | A | - | - |
| Freon 13 B1 | | | A | A | A | A | - | - |
| Freon 142 B | | | A | A | A | A | - | - |
| Freon 152 A | | | A | A | A | A | - | - |
| Freon 21 | | | D | D | C | C | - | - |
| Freon 218 | | | A | A | A | A | - | - |
| Freon 22 | | | A | C | A | A | - | - |
| Freon 31 | | | B | D | A | A | - | - |
| Freon 316 C | | | A | A | A | A | - | - |
| Freon 318 C | | | A | A | A | A | - | - |
| Freon 32 | | | A | A | A | A | - | - |
| Freon 502 | | | - | A | B | D | - | - |
| Freon BF | | | D | B | B | - | - | - |
| Freon MF | | | B | A | C | - | - | - |
| Freon TA | | | A | A | A | A | - | - |
| Freon TC | | | B | A | A | B | - | - |

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| Freon TF | | | B | D | D | D | - | - |
| Freon TMC | | | C | B | B | B | - | - |
| Freon T-P 35 | | | A | A | A | A | - | - |
| Freon T-WD 602 | | | B | B | B | B | - | - |
| Fuel oil | | 70° | D | A | B | D | - | - |
| Fumaric acid | | | A | A | B | - | - | - |
| Furan | | | D | D | D | C | - | - |
| Furfural | | | C | D | D | B | - | - |
| Gallic acid | | | B | C | B | B | A | A |
| Gasohol | | | D | C | D | D | - | - |
| Gelatine, aquaeous | | | A | A | A | A | A | A |
| Glucose | | | A | A | A | A | A | A |
| Glycerol (glycerine) | | 100° | A | A | A | A | A | C |
| Green liquor | | | A | A | A | A | - | - |
| Hexachlorobutadiene | | | D | A | D | D | - | - |
| Hexaldehyde | | | D | D | A | A | C | - |
| Hexane n- | | | D | A | A | D | - | A |
| Hexanol | | | A | A | B | C | C | A |
| Hexene | | | D | B | B | D | - | - |
| Hydraulic oil, glycol-based | | | A | A | A | A | B | C |
| Hydraulic oil, mineral oil | | | D | A | A | D | C | A |
| Hydraulic oil, phosphate ester | | | D | D | C | A | B-C | A |
| Hydraulic oil, silicate ester | | | D | C | C | D | - | - |
| Hydrazine | | | - | B | B | A | - | - |
| Hydrobromid acid | | | B | D | B | A | - | - |
| Hydrochloric acid | 10% | 100° | C | C | A | D | - | - |
| Hydrochlorid acid | 20% | 50° | B | B | A | B | A | A |
| Hydrocyanic acid | 37% | | B | B | A | A | B | B |
| Hydrofluoric acid | 50% | | C | C | A | A | A-B | A-B |
| Hydrofluoric acid | 75% | | C | D | C | - | A-B | A-B |
| Hydrofluoric acid, anhydrous | | | - | D | A | C | - | - |
| Hydrogen | | | A | A | A | A | A | C |
| Hydrogen peroxide | 30% | | A | A | A | A | A-B | - |
| Hydrogen peroxide | 85% | | D | D | D | C | - | - |
| Hydrogen sulfide | | | A | D | A | A | A | - |
| Hydroquinone | | | B | C | - | - | - | - |
| Hypochlorous acid | | | B | D | C | C | - | - |
| Inorganic salts | | 70° | A | A | A | A | A | A |
| Iodine pentafluoride | | | D | D | D | D | - | A |
| Iodoform | | | - | - | - | A | - | - |
| Iron (II) sulfate | | 65° | A | A | A | A | A | A |
| Iron (III) chloride | | 65° | A | A | A | A | - | - |
| Isobutanol | | | A | B | A | A | A | A |
| Isooctane | | | C | A | A | D | A | A |
| Isophorone | | | - | D | - | A | - | - |
| Isopropanol | | | B | B | A | A | A | A |
| Isopropyl acetate | | | D | D | D | B | B | - |
| Isopropyl chloride | | | D | D | D | D | - | A |
| Isopropyl ether | | | D | B | B | - | - | - |
| Kerosene | | 70° | D | A | C | D | C | A |
| Lactic acid | | 70° | A | A | A | A | - | - |
| Lead sulphamate | | | B | B | B | A | - | - |

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| Lead tetraethyl | | | - | - | B | D | - | - |
| Linoleic acid | | 70° | - | B | D | D | - | - |
| Linseed oil | | | C | A | B | A | A | A |
| Lubricating oils | | 100° | D | A | B | D | - | - |
| Magnesium chloride | | 65° | A | A | A | A | A | A |
| Magnesium hydroxide | | | A | A | A | A | - | A |
| Magnesium sulfate, aqueous | | 65° | A | A | A | A | A | A |
| Maleic acid | | | B | B | C | C | - | A |
| Maleic anhydride | | | B | - | C | C | - | - |
| Malic acid, aqueous | | | B | A | B | D | A | A |
| Mercury | | | A | A | A | A | A | A |
| Mercury chloride | | | B | B | C | A | A | A |
| Mesityl oxide | | | D | D | D | B | - | - |
| Metacrylic acid | | | D | - | B | B | - | - |
| Methane | | | D | A | A | D | C | A |
| Methanol | | 50° | A | A | A | A | A | A-B |
| Methyl acetate | | | D | D | D | B | - | - |
| Methyl acrylate | | | D | D | D | B | - | - |
| Methyl bromide | | | - | B | D | - | - | - |
| Methyl butyl ketone | | | D | D | D | B | C | - |
| Methyl chloride | | | D | D | D | C | - | C |
| Methyl cyclopentane | | | D | - | C | C | - | - |
| Methyl ethyl ketone | | | C | C | - | - | - | - |
| see Ethyl methyl ketone | | | C | D | C | A | - | - |
| Methyl formiate | | | C | D | B | B | - | - |
| Methyl glykol acetate | | | - | - | - | - | - | - |
| Acetic acid -2- methoxy ethyl ester | | 50° | B | D | C | - | - | - |
| Methyl isobutyle ketone | | | D | D | D | B | - | - |
| Methyl isopropyle ketone | | | D | D | D | C | - | - |
| Methyl methacrylate | | | D | D | C | C | - | - |
| Methyl salicylate | | | - | D | D | B | - | - |
| Methylaniline | | | D | D | D | - | - | - |
| Methylene chloride | | | D | D | D | C | - | - |
| Metyl oleate | | | D | D | D | B | - | - |
| Milk | | | A | A | A | A | A | A |
| Mineral oil | | | C | A | B | D | B-C | A |
| Mineral oil ASTM Nr.I | | 100° | C | A | A | D | B | A |
| Mineral oil ASTM Nr.II (IRM 902) | | 100° | D | A | B | D | C | B |
| Mineral oil ASTM Nr.III (IRM 903) | | 100° | D | A | D | D | C | B |
| Naphta | | | D | A | D | D | B | A |
| Naphtalene | | 80° | D | D | D | D | - | - |
| Naphtanic acid | | | D | B | - | D | - | - |
| Natural gas | | | C | A | A | D | - | A |
| Nickel chloride | | 65° | A | A | A | A | - | - |
| Nickel sulfate | | 65° | A | A | A | A | A | A |
| Nitric acid | 10% | 50° | B | B | C | A | C | A-B |
| Nitric acid | 60% | | D | D | D | D | - | A-B |
| Nitric acid fuming | | | D | D | D | D | - | - |
| Nitro benzene | | 50° | D | D | D | A | - | B |
| Nitro ethane | | | B | D | C | B | - | - |
| Nitro methane | | | B | D | C | B | - | - |
| Nitro propane n- | | | C | D | - | A | - | - |

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| Nitrogen | | | A | A | A | A | - | - |
| Nitrogen tetroxide | | | D | D | D | C | - | - |
| Octochlorotoluene | | | D | D | D | D | - | - |
| Octadecene | | | D | A | B | D | - | - |
| Octane | | | D | - | - | D | - | A |
| Octanol (1) | | | B | B | A | A | B | A |
| Oleic acid | | | D | A | D | C | - | B |
| Olive oil | | 50° | C | A | B | C | B | A |
| Oxalic acid | | 70° | A | C | B | A | - | - |
| Oxidising salt solutions | | 70° | - | - | B | D | - | - |
| Oxige | | | C | A | A | A | - | - |
| Oxygen liquid | | | - | C | - | - | - | - |
| Ozone | | 40° | D | D | B | A | A | A |
| Palmitic acid | | | C | A | B | B | A | B |
| Perchloric acid | | | - | D | B | B | - | A |
| Perchloroethylene | | | D | C | D | D | B | A |
| Petroleum | | 95° | D | A | B | D | B | A |
| Phenol | | 100° | D | D | D | B | B | A |
| Phenyl ethyl ether | | | D | D | D | D | - | - |
| Phenyl hydrazine | | | C | D | C | B | - | - |
| Phorone | | | D | D | D | B | - | - |
| Phosphoric acid | 50% | 50° | A | C | B | A | B | A |
| Phosphoric acid, raw | | | C | C | C | C | - | - |
| Phosphorous trichloride | | | D | D | D | A | - | - |
| Picnic acid | | 100° | B | B | A | B | A | A-B |
| Pine oil | | 70° | D | B | D | D | B | A |
| Pinen | | 70° | D | B | D | D | - | - |
| Piperidine | | | D | D | D | D | - | - |
| Potassium chloride | | | A | A | A | A | B | A |
| Potassium cyanide | | | A | A | A | A | A | B |
| Potassium hydroxide | | | B | C | C | A | C | A |
| Potassium permanganate | | 70° | - | - | B | A | A | A |
| Potassium sulfate, aqueous | | | A | A | A | A | A | A |
| Propane | | | D | A | B | D | - | A |
| Propanol (1) | | 50° | A | B | A | A | B | A |
| Propene | | | D | C | D | D | - | - |
| Propyl acetate | | | D | D | D | B | - | - |
| Propyl nitrate | | | - | - | D | B | - | - |
| Propylamine | | | D | D | D | C | - | - |
| Propylene oxide | | | D | - | D | B | - | - |
| Pydraul F-9 | | 80° | D | D | D | B | - | - |
| Pyridine | | | D | D | D | B | - | C |
| Pyrole | | | C | D | D | C | - | - |
| Rape seed oil | | 100° | D | A | B | B | B | - |
| Salicylic acid, aqueous | | | - | A | A | A | - | A |
| Salt and salt solutions | | 70° | A | A | A | A | A | A |
| Sewage | | | C | A | B | B | - | - |
| Silicate ester | | | D | B | A | D | - | - |
| Silicofluoric acid | | | B | B | B | B | - | - |
| Silicone grease | | | - | A | B | A | B | A |
| Silicone oils | | | - | A | A | A | B | A |
| Skydrol 500 | | 70° | D | D | D | A | - | - |

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| Skydrol 7000 | | 70° | D | D | D | A | - | - |
| Soap solutions | | | A | A | A | A | A | A |
| Sodium bicarbonate | | | A | A | A | A | A | A |
| Sodium bisulphate | | | A | A | A | A | A | A |
| Sodium carbonate | | 100° | A | A | A | A | A | A |
| Sodium chloride | | | A | A | A | A | A | A |
| Sodium cyanide, solution of | | | A | A | A | A | A | A |
| Sodium hydroxide | | | B | C | C | A | - | - |
| Sodium hydroxide | 10% | 100° | A | A | A | A | B | C |
| Sodium hydroxide | 20% | 100° | A | D | A | A | - | - |
| Sodium hypochlorite | | | D | D | D | A | A | A |
| Sodium metaphosphate | | | A | A | C | A | A | A |
| Sodium nitrate | | | C | C | C | A | A | A |
| Sodium perborate | | | C | C | C | A | A | A |
| Sodium peroxide | | | B | C | B | A | - | B |
| Sodium phosphates | | | B | B | C | A | A | A |
| Sodium silicate | | | A | A | A | A | A | A |
| Sodium sulfate | | | A | A | A | A | A | A |
| Sodium sulphite | | | A | A | A | A | A | A |
| Sodium thiosulfate, aqueous | | | A | A | A | A | A | A |
| Soybean oil | | | C | A | B | C | A | A |
| Stannic (II) chloride, aqueous | | | A | A | A | B | - | - |
| Steam | | 120° | C | A | B | A | - | - |
| Stearic acid | | 70° | C | B | B | B | A | B |
| Styrene | | 23° | D | D | D | D | - | - |
| Sugar solutions | | | A | A | A | A | A | A |
| Sulfur | | | D | D | A | A | A | A |
| Sulfur chloride | | | D | C | C | D | - | - |
| Sulfur dichloride | | | D | C | C | - | - | - |
| Sulfur dioxide | | | C | C | C | A | - | - |
| Sulfur hexafluoride | | | A | A | A | A | - | - |
| Sulfur trioxide | | | C | C | C | C | C | A |
| Sulfuric acid | 5-10% | 100° | A | C | A | A | B | A |
| Sulfuric acid | 10-50% | | A | A | A | C | - | A |
| Sulfuric acid | 50-80% | 100° | C | D | D | - | - | A |
| Sulfuric acid fuming Oleum | 20% | | D | D | D | D | - | A |
| Sulfurous acid | | | B | B | B | B | B | B |
| Tannic acid | | | B | A | A | A | B | A-B |
| Tar | | | D | B | C | D | B | A |
| Tartaric acid, aqueous | | 100° | A | A | A | B | A | A |
| Test fuel B 4 | | | D | B | C | D | - | - |
| Test fuel C | | | D | B | D | D | - | - |
| Tetrabromomethane | | | D | D | - | D | - | - |
| Tetrabutyl titanate | | | B | A | A | A | - | - |
| Tetrachlorethane | | | - | D | - | - | - | - |
| Tetrahydrofurane | | | D | D | D | D | - | - |
| Tetralin | | | D | D | D | D | - | A |
| Thionyl chloride | | | D | - | D | D | - | - |
| Titanium tetrachloride | | | D | C | D | D | - | - |
| Toluene | | | D | D | D | D | - | A |
| Toluene diisocyanate | | 70° | C | - | D | A | - | - |
| Transformer oil | | | D | A | B | D | B | A |

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| Triacetin | | | C | B | B | A | - | - |
| Triaryl phosphate | | | D | D | C | A | - | - |
| Tributoxy ethyl phosphate | | | C | D | D | B | - | - |
| Tributyl phosphate | | 100° | C | D | D | A | - | - |
| Trichloroacetat acid | | 20° | - | B | B | B | - | - |
| Trichloroethane (1, 1, 1) | | | D | D | D | D | - | A |
| Trichloroethylene | | | D | D | D | D | - | A-B |
| Tricresyl phosphate | | 70° | C | D | D | A | A | B |
| Triethynol amine | | | B | C | A | B | - | - |
| Triethyl amine | | | D | A | C | D | - | - |
| Triethyl borane | | 70° | - | - | D | C | - | - |
| Trinitrotoluene | | | D | D | B | D | - | - |
| Trioctyl phosphate | | | D | D | D | A | C | - |
| Turpentine | | | D | A | D | D | - | - |
| Turpentine oil | | | D | A | D | C | - | - |
| Varnishes | | | D | D | D | D | - | - |
| Vegetable oils | | | D | A | B | B | A | A |
| Vinegar | | | C | C | C | A | A | C |
| Vinyl acetylene | | -20° | B | - | B | A | - | A |
| Vinyl chloride monomer | | | - | - | D | B | - | A |
| Water | | | A | A | B | A | A | A |
| Water, distilled | | 100° | A | A | B | A | A | A |
| Whisky and wines | | | A | C | A | A | - | - |
| Wood oil | | | D | A | B | A | - | - |
| Xylene, mixture of isomers | | | D | D | D | D | - | - |
| Zinc chloride | | | C | C | C | A | A | A-B |
| Zinc sulfate | | | A | A | A | A | A | A |

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