

Granite Stone

ELECTROLUX

Your Original Manufacturer & Authorized Provider
of Parts & Services for all 1984-2012 Electrolux

DONIT

Gasket Sheets

DONIFLEX[®]



www.donit.eu

www.rubber-products.com.mk
www.electrolux.com.mk

GLD

GMD

GMDr

GR-A

GR-EM

GR-SP

DONIT | Gasket Sheets



About us:

Donit Tesnit® was founded in 1946 and is today one of the world's leading producers of sealing materials, gasket products and solutions serving all major markets. We provide integrated solutions for our customers' challenging environments and supply various custom made applications. With our own infrastructure we have gained extensive knowledge and experience in the sealing business. We produce technologically advanced products that are more environment-friendly. Our products are used globally in the chemical-, oil-, automotive-, food-, mechanical- and shipbuilding industry, in power plants and construction.

One of our biggest assets is the experience we have in building relationships and assuring quality. This generates trust which is embedded in our brand. Through sustaining relationships with existing customers and expanding local presence, we align our business with that of our customers - a true partner for success.

Our Markets:

Our headquarters is in Medvode, Slovenia directly in the heart of Europe. From Slovenia we have direct access to a logistic infrastructure that enables us to provide fast and direct response to our customers. With more than 250 customers worldwide, our production is exported into more than 60 countries on all continents.

Our extensive worldwide network of distributors, agents and other clients enables us to provide real-time high quality tangible solutions around the globe,

with special focus on Europe, USA and Asia. We believe in supreme customer focus – listening keenly, then using our global presence and experience to provide solutions is what makes us the preferred partner in success stories all over the world.

Us as Partner:

We produce a wide range of high quality products. What makes us different is our genuine interest in what our customers really need. This makes us a true partner in transforming ideas into actions. Our high quality products enable our customers to lead an environmentally safe business and decrease the possibility of environmental cost. We act responsibly because we are in it for the long haul. The wide range of products and services make Donit a one-stop shop for our customers' diverse needs. This makes our customers' day-to-day business easier. We advise and consult with our customers in order to give them the confidence to face change and keep their business sustainable and safe.

Our Personality:

THE CURIOUS GUY WITH EXPERIENCE.

We have the eagerness of an engineer - following the latest trends in the industry, asking questions and listening to our customer. When it is time to execute, the wisdom of a seasoned professional takes over. We demonstrate our deep knowledge about the industry in a way that is innovative and to-the-point. We engage with our customers and know that keeping promises matters more than big words.

Donit – A perfect fit.





Aramid fibers, specially selected fillers and graphite combined in new high compressibility and environment friendly gasket material with excellent thermal properties.

PROPERTIES AND APPLICATIONS

Due to outstanding chemical and thermal resistance DONIFLEX GLD is a proper choice for applications in flanges, valves, pumps, heat exchangers in construction of power plants, heating systems and for use in the chemical industry.

Composition	Aramid fibers, Graphite, NBR
Approvals	WQc/WRAS, TA-Luft (VDI 2440), TARC/MRPRA, DVGW (W270)

SURFACE TREATMENT

Standard non-stick top and bottom layers. Graphite or PTFE antistick coating on request.

DIMENSIONS OF STANDARD SHEET

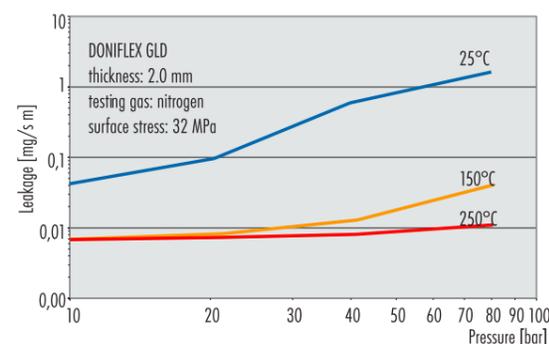
Sheet size (mm): 1000 x 1480 | 1500 x 1480 | 2000 x 1480
 Thickness (mm): 0.5 | 0.8 | 1.0 | 1.5 | 2.0 | 3.0
 Other dimensions and thicknesses on request.

TECHNICAL DATA

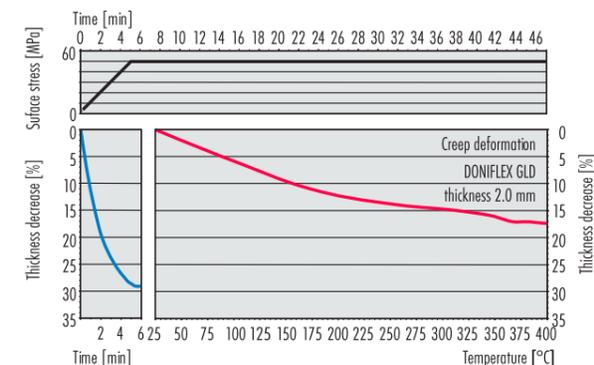
Typical values for a thickness of 2 mm

Density	DIN 28090-2	g/cm ³	≈ 1.1
Compressibility	ASTM F 36J	%	35 - 45
Recovery	ASTM F 36J	%	min 9
Tensile strength	DIN 52910	MPa	min 2
Stress resistance	DIN 52913		
50 MPa, T=300°C, 16h		MPa	min 33
50 MPa, T=175°C, 16h		MPa	min 36
Immersion in Oil IRM 903, 5h, 150°C	ASTM F 146		
- thickness increase		%	max 3
- weight increase		%	max 35
Immersion in ASTM Fuel B, 5h, 20°C	ASTM F 146		
- thickness increase		%	max 3
- weight increase		%	max 35
Specific Leak Rate	DIN 3535-6	mg/(s·m)	≈ 0.5
Creep deformation - 50 MPa/300°C			
- change in thickness at 20°C		%	≈ 30
- change in thickness at 300°C		%	≈ 14
Maximum assembly surface stress at RT - δ_{vo}	DIN 28090-1	MPa	≈ 170
Creep deformation percentage	DIN 28090-2		
- at room temperature: ε _{ksw}		%	20 - 30
- at elevated temperature: ε _{WSW/200°C}		%	8 - 10
Percentage creep deformation	DIN 28090-2		
- at room temperature: ε _{krw}		%	> 3
- at elevated temperature: ε _{WRW/200°C}		%	≈ 1.1
Recovery	DIN 28090-2	mm	≈ 0.023

SEALING PERFORMANCE



CREEP DEFORMATION DIAGRAM



MEDIA RESISTANCE

Media resistance chart serves only as a guideline for the selection of material for particular applications. Due to the variety of assembly and operating conditions, the data may not be used to support any warranty claims.

ACETALDEHYDE	liquid solutions
MALEIC ANHYDRIDE	liquid solutions
AIR	gas
MARLOTERM	oil, mineral oil products
ALLYL CHLORIDE	liquid solutions
MERCURY	miscellaneous
ALUM	liquid solutions
MERCURY SALTS	liquid solutions
ALUMINIUM CHLORIDE	liquid solutions
MINERAL OIL	oil, mineral oil products
ALUMINIUM SULPHATE	liquid solutions
MINERAL OIL	oil, mineral oil products
AMMONIUM PHOSPHATE	liquid solutions
MOTOR OIL	oil, mineral oil products
ANILIN-HYDROCHLORIDE	liquid solutions
ASPHALT	oil, mineral oil products
NICKEL SALTS	liquid solutions
ASTM OIL NO.1 FUEL	oil, mineral oil products
NITROGEN	gas
ASTM OIL NO.2 FUEL	oil, mineral oil products
ASTM OIL NO.3C FUEL	oil, mineral oil products
OIL ACID	oil, mineral oil products
ASTM FUEL A	oil, mineral oil products
ASTM FUEL B	oil, mineral oil products
PARAFFIN	oil, mineral oil products
ASTM FUEL C	oil, mineral oil products
PETROLEUM	oil, mineral oil products
ASTM FUEL D	oil, mineral oil products
PHOTOGRAPHIC EMULSIONS	liquid solutions
AZ 20 (32+125)	oil, mineral oil products
PHTHALIC ANHYDRIDE	liquid solutions
POLYETHYLENE GLYCOL	oil, mineral oil products
BEER	liquid solutions
POTASH	liquid solutions
BENZINE	oil, mineral oil products.
POTASSIUM ALUM	liquid solutions
BITUMEN	oil, mineral oil products
POTASSIUM BROMATE	liquid solutions
BORAX	liquid solutions
POTASSIUM BROMIDE	liquid solutions
BRAKE FLUID (GLYCOL BASIS)	oil, mineral oil products
POTASSIUM CARBONATE	liquid solutions
BUTADIENE	oil, mineral oil products
POTASSIUM PHOSPHATE	liquid solutions
BUTENE (BUTYLENE)	oil, mineral oil products
POTASSIUM SALT	liquid solutions
POTASSIUM SULPHATE	liquid solutions
CALCIUM CHLORIDE	liquid solutions
PROPYLENE OXIDE	gas
CALCIUM NITRATE	liquid solutions
CARBON DIOXIDE	gas
SACCHAROSE	liquid solutions
CHLORINE GAS DRY	gas
SALT	liquid solutions
CHROME ALUM	liquid solutions
SANTOTHERM 66	oil, mineral oil products
COCONUT OIL	oil, mineral oil products
SEA WATER	liquid solutions
CONDENSATE WATER	water, steam
SILICONE GREASE	oil, mineral oil products
COPPER SALT	liquid solutions
SILVER SALT	liquid solutions
SOAP SOLUTION	liquid solutions
DEMINERALIZED WATER	water, steam
SODA	liquid solutions
DEXTRINE	liquid solutions
SODIUM BROMIDE	liquid solutions
DIESEL FUEL	oil, mineral oil products
SODIUM CARBONATE	liquid solutions

DIPHYL (HEAT CARRIER OIL)	oil, mineral oil products
SODIUM CHLORIDE	liquid solutions
SODIUM DISULPHITE	liquid solutions
ETHYLCELLULOSE	liquid solutions
SODIUM DITHIONITE	liquid solutions
SODIUM FLUORIDE	liquid solutions
FRUIT JUICE	liquid solutions
SODIUM HYDROGEN-CARBONATE	liquid solutions
FLUE GAS	gas
SODIUM HYDROGEN-SULPHATE	liquid solutions
FURNACE GAS	gas
SODIUM HYDROGEN-SULPHITE	liquid solutions
SODIUM IODIDE	liquid solutions
GEAR OIL	oil, mineral oil products
SODIUM PERBORATE	liquid solutions
GELATIN	liquid solutions
SODIUM PHOSPHATE	liquid solutions
GENERATOR GAS	gas
SODIUM SILICATE	liquid solutions
GLAUBER SALT	liquid solutions
SODIUM SULPHATE	liquid solutions
GLUCOSE	liquid solutions
SODIUM SULPHITE	liquid solutions
GLYCOL	liquid solutions
SODIUM THIOSULPHATE	liquid solutions
GLUE	liquid solutions
SPINDLE OIL	oil, mineral oil products
SPIRITS	oil, mineral oil products
HEAT CARRIER OIL	oil, mineral oil products
STARCH SOLUTION	liquid solutions
HEPTANE (-n)	oil, mineral oil products
STEAM	water, steam
HEXANE (-n)	oil, mineral oil products
SULPHUR DIOXIDE	gas
HOT WATER	water, steam
SYLTERM 800	oil, mineral oil products
HYDRAULIC OIL	oil, mineral oil products
SYNTREL 350	oil, mineral oil products
HYDROSULPHITE	liquid solutions
TANNIC ACID	liquid solutions
INERT GAS	gas
TAR	oil, mineral oil products
ISOCTANE	oil, mineral oil products
TEST BENZINE	oil, mineral oil products
ISOPROPYL ACETATE	liquid solutions food
TETRAETHYL LEAD	oil, mineral oil products
TRANSFORMER OIL	oil, mineral oil products
KEROSINE FUEL	oil, mineral oil products
TRI SODIUM PHOSPHATE	liquid solutions
TURBINE OIL	oil, mineral oil products
LANOLINE (WOOL GREASE)	liquid solutions
LATEX	liquid solutions
VASELINE	oil, mineral oil products
LAUGHING GAS	gas
VEGETABLE FAT	oil, mineral oil products
LIGHTING GAS	oil, mineral oil products
VEGETABLE OILS	oil, mineral oil products
LINK UP MEDIA	liquid solutions
VINYL CHLORIDE	gas
LINSEED OIL	liquid solutions
LITHIUM BROMIDE	liquid solutions
WASHING AGENT	liquid solutions
LUBRICATING OIL	oil, mineral oil products
WASTE GAS	gas
WASTE WATER	liquid solutions
MACHINE OIL	oil, mineral oil products
MAGNESIUM SALT	liquid solutions
ZINC SALTS	liquid solutions



High-performance medium density beater material for industrial and automotive applications.

PROPERTIES AND APPLICATIONS

Gasket material with excellent resistance to hot water, steam and oils. Suitable for use in radiators, boilers, flanges, valves, pumps, engines, heat exchangers, compressors, power plants, heating systems, chemical industry.

Composition

Aramid fibers, Graphite, NBR

SURFACE TREATMENT

Antistick coating: silver coloured non-stick top and bottom layers.

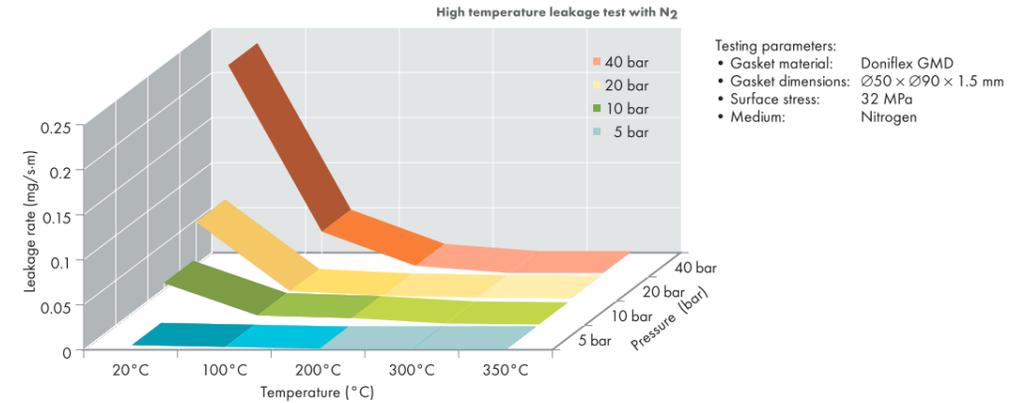
DIMENSIONS OF STANDARD SHEET

Sheet size (mm): 1000 x 1480 | 1500 x 1480 | 2000 x 1480
Thickness (mm): 0.5 | 0.8 | 1.0 | 1.5 | 2.0 | 3.0
Other dimensions and thicknesses on request.

TECHNICAL DATA Typical values for a thickness of 1 mm.

Density	DIN 28090-2	g/cm ³	1.2 - 1.4
Compressibility	ASTM F 36J	%	15 - 25
Recovery	ASTM F 36J	%	25 - 40
Stress resistance	DIN 52913		
50 MPa, T=175°C, 16h		MPa	min 42
50 MPa, T=300°C, 16h		MPa	min 38
Immersion in Oil IRM 903, 5h, 150°C	ASTM F 146		
- thickness increase		%	max 7
- weight increase		%	max 25
Immersion in ASTM Fuel B, 5h, 20°C	ASTM F 146		
- thickness increase		%	max 7
- weight increase		%	max 22
Specific leak rate	DIN 3535-6	mg/(s·m)	≈ 0.3
Creep deformation - 50 MPa/300°C			
- change in thickness at 20°C		%	≈ 22
- change in thickness at 300°C		%	≈ 8

HIGH TEMPERATURE LEAKAGE TEST



MEDIA RESISTANCE

Media resistance chart serves only as a guideline for the selection of material for particular application. Due to the variety of assembly and operating conditions, the data may not be used to support any warranty claims.

ACETALDEHYDE	liquid solutions	DIPHYL (HEAT CARRIER OIL)	oil, mineral oil products
MALEIC ANHYDRIDE	liquid solutions	SODIUM CHLORIDE	liquid solutions
AIR	gas	SODIUM DISULPHITE	liquid solutions
MARLOTERM	oil, mineral oil products	ETHYLCELLULOSE	liquid solutions
ALLYL CHLORIDE	liquid solutions	SODIUM DITHIONITE	liquid solutions
MERCURY	miscellaneous	SODIUM FLUORIDE	liquid solutions
ALUM	liquid solutions	FRUIT JUICE	liquid solutions
MERCURY SALTS	liquid solutions	SODIUM HYDROGEN-CARBONATE	liquid solutions
ALUMINIUM CHLORIDE	liquid solutions	FLUE GAS	gas
MINERAL OIL	oil, mineral oil products	SODIUM HYDROGEN-SULPHATE	liquid solutions
ALUMINIUM SULPHATE	liquid solutions	FURNACE GAS	gas
MINERAL OIL	oil, mineral oil products	SODIUM HYDROGEN-SULPHITE	liquid solutions
AMMONIUM PHOSPHATE	liquid solutions	SODIUM IODIDE	liquid solutions
MOTOR OIL	oil, mineral oil products	GEAR OIL	oil, mineral oil products
ANILIN-HYDROCHLORIDE	liquid solutions	SODIUM PERBORATE	liquid solutions
ASPHALT	oil, mineral oil products	GELATIN	liquid solutions
NICKEL SALTS	liquid solutions	SODIUM PHOSPHATE	liquid solutions
ASTM OIL NO.1 FUEL	oil, mineral oil products	GENERATOR GAS	gas
NITROGEN	gas	SODIUM SILICATE	liquid solutions
ASTM OIL NO.2 FUEL	oil, mineral oil products	GLAUBER SALT	liquid solutions
ASTM OIL NO.3C FUEL	oil, mineral oil products	SODIUM SULPHATE	liquid solutions
OIL ACID	oil, mineral oil products	GLUCOSE	liquid solutions
ASTM FUEL A	oil, mineral oil products	SODIUM SULPHITE	liquid solutions
ASTM FUEL B	oil, mineral oil products	GLYCOL	liquid solutions
PARAFFIN	oil, mineral oil products	SODIUM THIOSULPHATE	liquid solutions
ASTM FUEL C	oil, mineral oil products	GLUE	liquid solutions
PETROLEUM	oil, mineral oil products	SPINDLE OIL	oil, mineral oil products
ASTM FUEL D	oil, mineral oil products	SPIRITS	oil, mineral oil products
PHOTOGRAPHIC EMULSIONS	liquid solutions	HEAT CARRIER OIL	oil, mineral oil products
AZ 20 (32+125)	oil, mineral oil products	STARCH SOLUTION	liquid solutions
PHTHALIC ANHYDRIDE	liquid solutions	HEPTANE (-n)	oil, mineral oil products
POLYETHYLENE GLYCOL	oil, mineral oil products	STEAM	water, steam
BEER	liquid solutions	HEXANE [-n]	oil, mineral oil products
POTASH	liquid solutions	SULPHUR DIOXIDE	gas
BENZINE	oil, mineral oil products.	HOT WATER	water, steam
POTASSIUM ALUM	liquid solutions	SYLTERM 800	oil, mineral oil products
BITUMEN	oil, mineral oil products	HYDRAULIC OIL	oil, mineral oil products
POTASSIUM BROMATE	liquid solutions	SYNTREL 350	oil, mineral oil products
BORAX	liquid solutions	HYDROSULPHITE	liquid solutions
POTASSIUM BROMIDE	liquid solutions	TANNIC ACID	liquid solutions
BRAKE FLUID (GLYCOL BASIS)	oil, mineral oil products	INERT GAS	gas
POTASSIUM CARBONATE	liquid solutions	TAR	oil, mineral oil products
BUTADIENE	oil, mineral oil products	ISOCTANE	oil, mineral oil products
POTASSIUM PHOSPHATE	liquid solutions	TEST BENZINE	oil, mineral oil products
BUTENE (BUTYLENE)	oil, mineral oil products	ISOPROPYL ACETATE	liquid solutions food
POTASSIUM SALT	liquid solutions	TETRAETHYL LEAD	oil, mineral oil products
POTASSIUM SULPHATE	liquid solutions	TRANSFORMER OIL	oil, mineral oil products
CALCIUM CHLORIDE	liquid solutions	KEROSINE FUEL	oil, mineral oil products
PROPYLENE OXIDE	gas	TRI SODIUM PHOSPHATE	liquid solutions
CALCIUM NITRATE	liquid solutions	TURBINE OIL	oil, mineral oil products
CARBON DIOXIDE	gas	LANOLINE (WOOL GREASE)	liquid solutions
SACCHAROSE	liquid solutions	LATEX	liquid solutions
CHLORINE GAS DRY	gas	VASELINE	oil, mineral oil products
SALT	liquid solutions	LAUGHING GAS	gas
CHROME ALUM	liquid solutions	VEGETABLE FAT	oil, mineral oil products
SANTOTHERM 66	oil, mineral oil products	LIGHTING GAS	oil, mineral oil products
COCONUT OIL	oil, mineral oil products	VEGETABLE OILS	oil, mineral oil products
SEA WATER	liquid solutions	LINK UP MEDIA	liquid solutions
CONDENSATE WATER	water, steam	VINYL CHLORIDE	gas
SILICONE GREASE	oil, mineral oil products	LINSEED OIL	liquid solutions
COPPER SALT	liquid solutions	LITHIUM BROMIDE	liquid solutions
SILVER SALT	liquid solutions	WASHING AGENT	liquid solutions
SOAP SOLUTION	liquid solutions	LUBRICATING OIL	oil, mineral oil products
DEMINERALIZED WATER	water, steam	WASTE GAS	gas
SODA	liquid solutions	WASTE WATER	liquid solutions
DEXTRINE	liquid solutions	MACHINE OIL	oil, mineral oil products
SODIUM BROMIDE	liquid solutions	MAGNESIUM SALT	liquid solutions
DIESEL FUEL	oil, mineral oil products	ZINC SALTS	liquid solutions
SODIUM CARBONATE	liquid solutions		

GMD

GMD



Gasket material specially designed for radiators and boilers.

PROPERTIES AND APPLICATIONS

Gasket material with excellent resistance to hot water, steam and oils; specially designed for radiators and boilers.

Composition	Aramid fibers, Graphite, NBR
-------------	-------------------------------------

SURFACE TREATMENT

Anti-stick coating: special bifunctional silver coloured non-stick top and bottom layers.

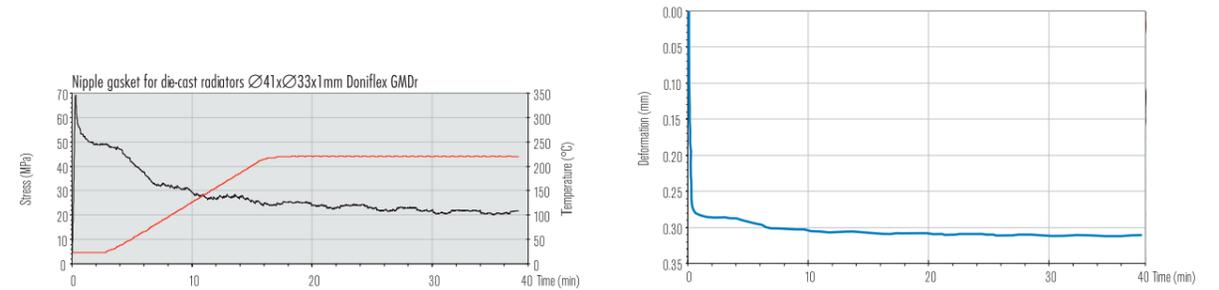
DIMENSIONS OF STANDARD SHEET

Sheet size (mm): 1000 x 500 | 1500 x 500
Thickness (mm): 1.0
Other dimensions and thicknesses on request.

TECHNICAL DATA Typical values for a thickness of 1 mm

Density	DIN 28090-2	g/cm ³	1.2 - 1.4
Compressibility	ASTM F 36J	%	15 - 30
Recovery	ASTM F 36J	%	25 - 40
Stress resistance	DIN 52913		
50 MPa, T=175°C, 16h		MPa	min 35
Stress resistance	DIN 52913		
50 MPa, T=300°C, 16h		MPa	min 30
Immersion in Oil IRM 903, 5h, 150°C	ASTM F 146		
- thickness increase		%	max 7
- weight increase		%	max 25
Immersion in ASTM Fuel B, 5h, 20°C	ASTM F 146		
- thickness increase		%	max 7
- weight increase		%	max 22
Specific leak rate	DIN 3535-6	mg/(s·m)	≈ 0.5
Relative intensity of PTFE layer (ATR-FTIR)	S5000016	%	10 - 20
Residual stress (70MPa /220°C, ø75 x 55 mm)	N0840001	MPa	min 35

DETERMINATION OF STRESS RESISTANCE



MEDIA RESISTANCE

Media resistance chart serves only as a guideline for the selection of material for particular applications. Due to the variety of assembly and operating conditions, the data may not be used to support any warranty claims.

ACETALDEHYDE	liquid solutions	DIPHYL (HEAT CARRIER OIL)	oil, mineral oil products
MALEIC ANHYDRIDE	liquid solutions	SODIUM CHLORIDE	liquid solutions
AIR	gas	SODIUM DISULPHITE	liquid solutions
MARLOTERM	oil, mineral oil products	ETHYLCELLULOSE	liquid solutions
ALLYL CHLORIDE	liquid solutions	SODIUM DITHIONITE	liquid solutions
MERCURY	miscellaneous	SODIUM FLUORIDE	liquid solutions
ALUM	liquid solutions	FRUIT JUICE	liquid solutions
MERCURY SALTS	liquid solutions	SODIUM HYDROGEN-CARBONATE	liquid solutions
ALUMINIUM CHLORIDE	liquid solutions	FLUE GAS	gas
MINERAL OIL	oil, mineral oil products	SODIUM HYDROGEN-SULPHATE	liquid solutions
ALUMINIUM SULPHATE	liquid solutions	FURNACE GAS	gas
MINERAL OIL	oil, mineral oil products	SODIUM HYDROGEN-SULPHITE	liquid solutions
AMMONIUM PHOSPHATE	liquid solutions	SODIUM IODIDE	liquid solutions
MOTOR OIL	oil, mineral oil products	GEAR OIL	oil, mineral oil products
ANILIN-HYDROCHLORIDE	liquid solutions	SODIUM PERBORATE	liquid solutions
ASPHALT	oil, mineral oil products	GELATIN	liquid solutions
NICKEL SALTS	liquid solutions	SODIUM PHOSPHATE	liquid solutions
ASTM OIL NO.1 FUEL	oil, mineral oil products	GENERATOR GAS	gas
NITROGEN	gas	SODIUM SILICATE	liquid solutions
ASTM OIL NO.2 FUEL	oil, mineral oil products	GLAUBER SALT	liquid solutions
ASTM OIL NO.3C FUEL	oil, mineral oil products	SODIUM SULPHATE	liquid solutions
OIL ACID	oil, mineral oil products	GLUCOSE	liquid solutions
ASTM FUEL A	oil, mineral oil products	SODIUM SULPHITE	liquid solutions
ASTM FUEL B	oil, mineral oil products	GLYCOL	liquid solutions
PARAFFIN	oil, mineral oil products	SODIUM THIOSULPHATE	liquid solutions
ASTM FUEL C	oil, mineral oil products	GLUE	liquid solutions
PETROLEUM	oil, mineral oil products	SPINDLE OIL	oil, mineral oil products
ASTM FUEL D	oil, mineral oil products	SPIRITS	oil, mineral oil products
PHOTOGRAPHIC EMULSIONS	liquid solutions	HEAT CARRIER OIL	oil, mineral oil products
AZ 20 (32+125)	oil, mineral oil products	STARCH SOLUTION	liquid solutions
PHTHALIC ANHYDRIDE	liquid solutions	HEPTANE (-n)	oil, mineral oil products
POLYETHYLENE GLYCOL	oil, mineral oil products	STEAM	water, steam
BEER	liquid solutions	HEXANE [-n]	oil, mineral oil products
POTASH	liquid solutions	SULPHUR DIOXIDE	gas
BENZINE	oil, mineral oil products.	HOT WATER	water, steam
POTASSIUM ALUM	liquid solutions	SYLTERM 800	oil, mineral oil products
BITUMEN	oil, mineral oil products	HYDRAULIC OIL	oil, mineral oil products
POTASSIUM BROMATE	liquid solutions	SYNTREL 350	oil, mineral oil products
BORAX	liquid solutions	HYDROSULPHITE	liquid solutions
POTASSIUM BROMIDE	liquid solutions	TANNIC ACID	liquid solutions
BRAKE FLUID (GLYCOL BASIS)	oil, mineral oil products	INERT GAS	gas
POTASSIUM CARBONATE	liquid solutions	TAR	oil, mineral oil products
BUTADIENE	oil, mineral oil products	ISOCTANE	oil, mineral oil products
POTASSIUM PHOSPHATE	liquid solutions	TEST BENZINE	oil, mineral oil products
BUTENE (BUTYLENE)	oil, mineral oil products	ISOPROPYL ACETATE	liquid solutions food
POTASSIUM SALT	liquid solutions	TETRAETHYL LEAD	oil, mineral oil products
POTASSIUM SULPHATE	liquid solutions	TRANSFORMER OIL	oil, mineral oil products
CALCIUM CHLORIDE	liquid solutions	KEROSINE FUEL	oil, mineral oil products
PROPYLENE OXIDE	gas	TRI SODIUM PHOSPHATE	liquid solutions
CALCIUM NITRATE	liquid solutions	TURBINE OIL	oil, mineral oil products
CARBON DIOXIDE	gas	LANOLINE (WOOL GREASE)	liquid solutions
SACCHAROSE	liquid solutions	LATEX	liquid solutions
CHLORINE GAS DRY	gas	VASELINE	oil, mineral oil products
SALT	liquid solutions	LAUGHING GAS	gas
CHROME ALUM	liquid solutions	VEGETABLE FAT	oil, mineral oil products
SANTOTHERM 66	oil, mineral oil products	LIGHTING GAS	oil, mineral oil products
COCONUT OIL	oil, mineral oil products	VEGETABLE OILS	oil, mineral oil products
SEA WATER	liquid solutions	LINK UP MEDIA	liquid solutions
CONDENSATE WATER	water, steam	VINYL CHLORIDE	gas
SILICONE GREASE	oil, mineral oil products	LINSEED OIL	liquid solutions
COPPER SALT	liquid solutions	LITHIUM BROMIDE	liquid solutions
SILVER SALT	liquid solutions	WASHING AGENT	liquid solutions
SOAP SOLUTION	liquid solutions	LUBRICATING OIL	oil, mineral oil products
DEMINERALIZED WATER	water, steam	WASTE GAS	gas
SODA	liquid solutions	WASTE WATER	liquid solutions
DEXTRINE	liquid solutions	MACHINE OIL	oil, mineral oil products
SODIUM BROMIDE	liquid solutions		
DIESEL FUEL	oil, mineral oil products		
SODIUM CARBONATE	liquid solutions		

GMDr

GMDr



Soft sealing material reinforced with tanged steel insert. Excellent thermal and stress resistance combined with very good adaptability to flange irregularities.

PROPERTIES AND APPLICATIONS

Doniflex® GR-A is soft sealing material reinforced with tanged steel insert. Excellent thermal and stress resistance combined with very good adaptability to flange irregularities provides best service in high temperature and stress applications. It is recommended for sealing exhaust air supplies, pipes, intake and exhaust manifolds and exhaust gas recirculation systems in engines, as well as other industrial sealing applications that require high strength and thermal integrity i.e. for transmission flanges and high-pressure pumps.

Composition

Aramid fibers, Graphite, NBR, steel

SURFACE TREATMENT

Branded, without coating. Special silver coloured non-stick top and bottom layers as well as other additional surface treatments (silicone, PTFE) are available on request.

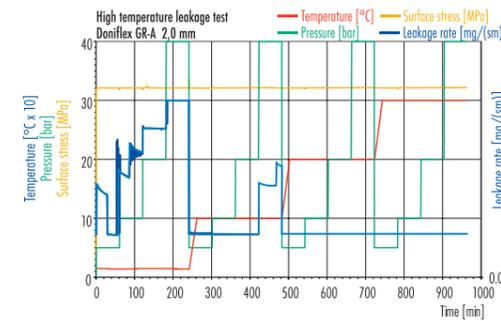
DIMENSIONS OF STANDARD SHEET

Sheet size (mm): 1500 x 1480
Thickness (mm): 1.0 | 1.5 | 2.0 | 3.0 | 4.0
Other dimensions and thicknesses on request.

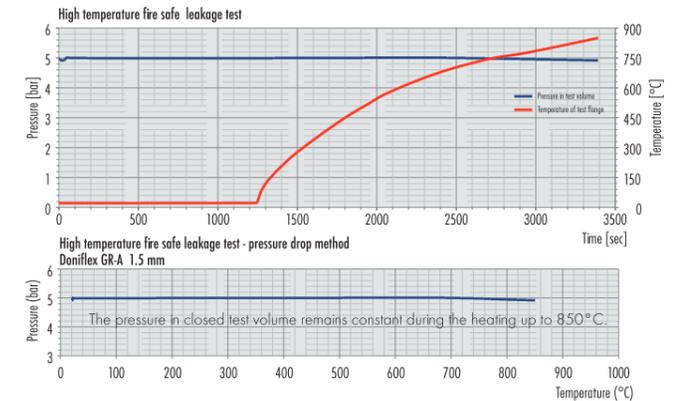
TECHNICAL DATA Typical values for a thickness of 2 mm

Density	DIN 28090-2	g/cm ³	1.75 - 1.95
Compressibility	ASTM F 36J	%	15 - 25
Recovery	ASTM F 36J	%	min 20
Stress resistance	DIN 52913		
50 MPa, T= 300°C, 16h		MPa	min 38
50 MPa, T= 175°C, 16h		MPa	min 40
Immersion in oil IRM 903, 5h, 150°C	ASTM F 146		
- thickness increase		%	max 5
- weight increase		%	max 20
Immersion in ASTM Fuel B, 5h, 20°C	ASTM F 146		
- thickness increase		%	max 5
- weight increase		%	max 20
Specific leak rate	DIN 3535-6	mg/(s·m)	max 1.5
Creep deformation - 50 MPa			
- change in thickness at 300°C		%	max 10
- change in thickness at 400°C		%	max 12
Maximum continuous temperature		°C	400
Short-term peak temperature		°C	850

HIGH TEMPERATURE "FIRE SAFE" LEAKAGE TEST



SEALABILITY DURING THE HEATING UP TO 850°C



MEDIA RESISTANCE

Media resistance chart serves only as a guideline for the selection of material for particular applications. Due to the variety of assembly and operating conditions, the data may not be used to support any warranty claims.

ACETALDEHYDE	liquid solutions
MALEIC ANHYDRIDE	liquid solutions
AIR	gas
MARLOTERM	oil, mineral oil products
ALLYL CHLORIDE	liquid solutions
MERCURY	miscellaneous
ALUM	liquid solutions
MERCURY SALTS	liquid solutions
ALUMINIUM CHLORIDE	liquid solutions
MINERAL OIL	oil, mineral oil products
ALUMINIUM SULPHATE	liquid solutions
MINERAL OIL	oil, mineral oil products
AMMONIUM PHOSPHATE	liquid solutions
MOTOR OIL	oil, mineral oil products
ANILIN-HYDROCHLORIDE	liquid solutions
ASPHALT	oil, mineral oil products
NICKEL SALTS	liquid solutions
ASTM OIL NO.1 FUEL	oil, mineral oil products
NITROGEN	gas
ASTM OIL NO.2 FUEL	oil, mineral oil products
ASTM OIL NO.3C FUEL	oil, mineral oil products
OIL ACID	oil, mineral oil products
ASTM FUEL A	oil, mineral oil products
ASTM FUEL B	oil, mineral oil products
PARAFFIN	oil, mineral oil products
ASTM FUEL C	oil, mineral oil products
PETROLEUM	oil, mineral oil products
ASTM FUEL D	oil, mineral oil products
PHOTOGRAPHIC EMULSIONS	liquid solutions
AZ 20 (32+125)	oil, mineral oil products
PHTHALIC ANHYDRIDE	liquid solutions
POLYETHYLENE GLYCOL	oil, mineral oil products
BEER	liquid solutions
POTASH	liquid solutions
BENZINE	oil, mineral oil products.
POTASSIUM ALUM	liquid solutions
BITUMEN	oil, mineral oil products
POTASSIUM BROMATE	liquid solutions
BORAX	liquid solutions
POTASSIUM BROMIDE	liquid solutions
BRAKE FLUID (GLYCOL BASIS)	oil, mineral oil products
POTASSIUM CARBONATE	liquid solutions
BUTADIENE	oil, mineral oil products
POTASSIUM PHOSPHATE	liquid solutions
BUTENE (BUTYLENE)	oil, mineral oil products
POTASSIUM SALT	liquid solutions
POTASSIUM SULPHATE	liquid solutions
CALCIUM CHLORIDE	liquid solutions
PROPYLENE OXIDE	gas
CALCIUM NITRATE	liquid solutions
CARBON DIOXIDE	gas
SACCHAROSE	liquid solutions
CHLORINE GAS DRY	gas
SALT	liquid solutions
CHROME ALUM	liquid solutions
SANTOTHERM 66	oil, mineral oil products
COCONUT OIL	oil, mineral oil products
SEA WATER	liquid solutions
CONDENSATE WATER	water, steam
SILICONE GREASE	oil, mineral oil products
COPPER SALT	liquid solutions
SILVER SALT	liquid solutions
SOAP SOLUTION	liquid solutions
DEMINERALIZED WATER	water, steam
SODA	liquid solutions
DEXTRINE	liquid solutions
SODIUM BROMIDE	liquid solutions
DIESEL FUEL	oil, mineral oil products
SODIUM CARBONATE	liquid solutions

DIPHYL (HEAT CARRIER OIL)	oil, mineral oil products
SODIUM CHLORIDE	liquid solutions
SODIUM DISULPHITE	liquid solutions
ETHYLCELLULOSE	liquid solutions
SODIUM DITHIONITE	liquid solutions
SODIUM FLUORIDE	liquid solutions
FRUIT JUICE	liquid solutions
SODIUM HYDROGEN-CARBONATE	liquid solutions
FLUE GAS	gas
SODIUM HYDROGEN-SULPHATE	liquid solutions
FURNACE GAS	gas
SODIUM HYDROGEN-SULPHITE	liquid solutions
SODIUM IODIDE	liquid solutions
GEAR OIL	oil, mineral oil products
SODIUM PERBORATE	liquid solutions
GELATIN	liquid solutions
SODIUM PHOSPHATE	liquid solutions
GENERATOR GAS	gas
SODIUM SILICATE	liquid solutions
GLAUBER SALT	liquid solutions
SODIUM SULPHATE	liquid solutions
GLUCOSE	liquid solutions
SODIUM SULPHITE	liquid solutions
GLYCOL	liquid solutions
SODIUM THIOSULPHATE	liquid solutions
GLUE	liquid solutions
SPINDLE OIL	oil, mineral oil products
SPIRITS	oil, mineral oil products
HEAT CARRIER OIL	oil, mineral oil products
STARCH SOLUTION	liquid solutions
HEPTANE (-n)	oil, mineral oil products
STEAM	water, steam
HEXANE (-n)	oil, mineral oil products
SULPHUR DIOXIDE	gas
HOT WATER	water, steam
SYLTERM 800	oil, mineral oil products
HYDRAULIC OIL	oil, mineral oil products
SYNTREL 350	oil, mineral oil products
HYDROSULPHITE	liquid solutions
TANNIC ACID	liquid solutions
INERT GAS	gas
TAR	oil, mineral oil products
ISOCTANE	oil, mineral oil products
TEST BENZINE	oil, mineral oil products
ISOPROPYL ACETATE	liquid solutions food
TETRAETHYL LEAD	oil, mineral oil products
TRANSFORMER OIL	oil, mineral oil products
KEROSINE FUEL	oil, mineral oil products
TRI SODIUM PHOSPHATE	liquid solutions
TURBINE OIL	oil, mineral oil products
LANOLINE (WOOL GREASE)	liquid solutions
LATEX	liquid solutions
VASELINE	oil, mineral oil products
LAUGHING GAS	gas
VEGETABLE FAT	oil, mineral oil products
LIGHTING GAS	oil, mineral oil products
VEGETABLE OILS	oil, mineral oil products
LINK UP MEDIA	liquid solutions
VINYL CHLORIDE	gas
LINSEED OIL	liquid solutions
LITHIUM BROMIDE	liquid solutions
WASHING AGENT	liquid solutions
LUBRICATING OIL	oil, mineral oil products
WASTE GAS	gas
WASTE WATER	liquid solutions
MACHINE OIL	oil, mineral oil products
MAGNESIUM SALT	liquid solutions
ZINC SALTS	liquid solutions

GR-A

GR-A



Composite gasket material consisting of advanced graphite-based, “beater-addition” facing material mechanically bonded to a galvanized low carbon expanded mild steel insert with exceptional radial strength, significantly improved tensile strength and resilience.

PROPERTIES AND APPLICATIONS

Doniflex® GR-EM is composite gasket material consisting of advanced graphite-based, “beater-addition” facing material mechanically bonded to a galvanized low carbon expanded mild steel. Due to expanded metal reinforcement, the gasket material features a number of outstanding properties when compared to conventional soft materials. It provides exceptional radial strength, significantly improved tensile strength, resilience and other fluid resisting properties required of a reliable material capable of coping with higher combinations of pressure and temperature stress. The expanded metal reinforcement permits the optimization of surface pressure distribution on assembled gaskets. Thanks to optimum properties and dimensions of expanded metal reinforcement, the gasket material also exhibits high seal ability against gases at elevated temperatures. Doniflex® GR-EM can therefore be used as a general purpose material for many industrial sealing applications, as well as a high-performance gasket material for dynamically and thermally stressed joints. Typical applications include sealing of water, steam, oils, hydrocarbons and chemicals where the medium to be sealed allows the use of a zinc-galvanized steel reinforcement. It can be used in flanges, fittings, pumps, valves, exhaust systems, engines, vessels and heat exchangers in the automotive, petrochemical, pulp and paper, food and pharmaceutical industries, in power stations as well as in shipbuilding.

Composition	Aramid fibers, Graphite, NBR
-------------	-------------------------------------

SURFACE TREATMENT

Branded, without coating. Special silver coloured non-stick top and bottom layers as well as other additional surface treatments (silicone, PTFE) are available on request.

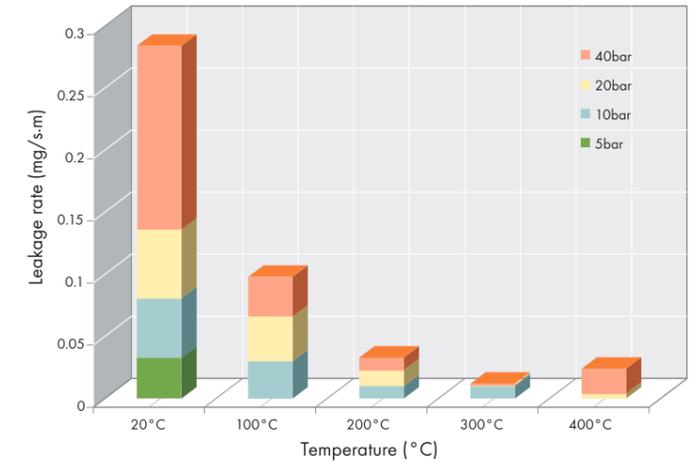
DIMENSIONS OF STANDARD SHEET

Sheet size (mm): 1500 x 1480
Thickness (mm): 1.0 | 1.5 | 2.0 | 3.0 | 4.0
Other dimensions and thicknesses on request.

TECHNICAL DATA Typical values for a thickness of 1 mm

Density	DIN 28090-2	g/cm ³	1.75 - 1.95
Compressibility	ASTM F 36J	%	15 - 25
Recovery	ASTM F 36J	%	min 20
Stress resistance	DIN 52913		
50 MPa, T=300°C, 16h		MPa	min 40
50 MPa, T=175°C, 16h		MPa	min 42
Immersion in oil IRM 903, 5h, 150°C	ASTM F 146		
- thickness increase		%	max 10
- weight increase		%	max 20
Immersion in ASTM Fuel B, 5h, 20°C	ASTM F 146		
- thickness increase		%	max 10
- weight increase		%	max 20
Specific Leak Rate	DIN 3535-6	mg/(s·m)	max 0.1
Specific Leak Rate at 100°C	DIN 280902	mg/(s·m)	max 0.05
Specific Leak Rate at 300°C	DIN 280902	mg/(s·m)	max 0.1
Creep deformation - 50 MPa			
- change in thickness at 300°C		%	max 10
- change in thickness at 450°C		%	max 15
Maximum continuous temperature		°C	400
Short-term peak temperature		°C	500

HIGH TEMPERATURE LEAKAGE TEST WITH N₂



MEDIA RESISTANCE

Media resistance chart serves only as a guideline for the selection of material for particular applications. Due to the variety of assembly and operating conditions, the data may not be used to support any warranty claims.

ACETALDEHYDE	liquid solutions	DIPHYL (HEAT CARRIER OIL)	liquid solutions
MALEIC ANHYDRIDE	liquid solutions	SODIUM CHLORIDE	oil, mineral oil products
AIR	oil, mineral oil products	SODIUM DISULPHITE	liquid solutions
MARLOTHERM	gas	ETHYLCELLULOSE	liquid solutions
ALLYL CHLORIDE	miscellaneous	SODIUM DITHIONITE	liquid solutions
MERCURY	liquid solutions	SODIUM FLUORIDE	liquid solutions
ALUM	liquid solutions	FRUIT JUICE	liquid solutions
MERCURY SALTS	liquid solutions	SODIUM HYDROGEN-CARBONATE	liquid solutions
ALUMINIUM CHLORIDE	oil, mineral oil products	FLUE GAS	liquid solutions
MINERAL OIL	liquid solutions	SODIUM HYDROGEN-SULPHATE	gas
ALUMINIUM SULPHATE	oil, mineral oil products	FURNACE GAS	liquid solutions
MINERAL OIL	liquid solutions	SODIUM HYDROGEN-SULPHITE	gas
AMMONIUM PHOSPHATE	oil, mineral oil products	SODIUM IODIDE	liquid solutions
MOTOR OIL	liquid solutions	GEAR OIL	liquid solutions
ANILIN-HYDROCHLORIDE	oil, mineral oil products	SODIUM PERBORATE	oil, mineral oil products
ASPHALT	liquid solutions	GELATIN	liquid solutions
NICKEL SALTS	oil, mineral oil products	SODIUM PHOSPHATE	liquid solutions
ASTM OIL NO.1 FUEL	gas	GENERATOR GAS	liquid solutions
NITROGEN	oil, mineral oil products	SODIUM SILICATE	gas
ASTM OIL NO.2 FUEL	ASTM OIL NO.3C FUEL	GLAUBER SALT	liquid solutions
OIL ACID	oil, mineral oil products	SODIUM SULPHATE	liquid solutions
ASTM FUEL A	oil, mineral oil products	GLUCOSE	liquid solutions
ASTM FUEL B	oil, mineral oil products	SODIUM SULPHITE	liquid solutions
PARAFFIN	oil, mineral oil products	GLYCOL	liquid solutions
ASTM FUEL C	oil, mineral oil products	SODIUM THIOSULPHATE	liquid solutions
PETROLEUM	liquid solutions	GLUE	oil, mineral oil products
ASTM FUEL D	liquid solutions	SPINDLE OIL	liquid solutions
PHOTOGRAPHIC EMULSIONS	oil, mineral oil products	SPIRITS	oil, mineral oil products
AZ 20 (32+125)	liquid solutions	HEAT CARRIER OIL	liquid solutions
PHTHALIC ANHYDRIDE	oil, mineral oil products	STARCH SOLUTION	oil, mineral oil products
POLYETHYLENE GLYCOL		HEPTANE (-n)	water, steam
BEER	liquid solutions	STEAM	oil, mineral oil products
POTASH	liquid solutions	HEXANE (-n)	gas
BENZINE	liquid solutions	SULPHUR DIOXIDE	oil, mineral oil products
POTASSIUM ALUM	oil, mineral oil products	HOT WATER	oil, mineral oil products
BITUMEN	liquid solutions	SYLTHERM 800	water, steam
POTASSIUM BROMATE	oil, mineral oil products	HYDRAULIC OIL	oil, mineral oil products
BORAX	liquid solutions	SYNTRIL 350	oil, mineral oil products
POTASSIUM BROMIDE	liquid solutions	HYDROSULPHITE	liquid solutions
BRAKE FLUID (GLYCOL BASIS)	liquid solutions	TANNIC ACID	liquid solutions
POTASSIUM CARBONATE	oil, mineral oil products	INERT GAS	oil, mineral oil products
BUTADIENE	liquid solutions	TAR	gas
POTASSIUM PHOSPHATE	oil, mineral oil products	ISOCTANE	oil, mineral oil products
BUTENE (BUTYLENE)	liquid solutions	TEST BENZINE	oil, mineral oil products
POTASSIUM SALT	oil, mineral oil products	ISOPROPYL ACETATE	oil, mineral oil products
POTASSIUM SULPHATE	liquid solutions	TETRAETHYL LEAD	liquid solutions
CALCIUM CHLORIDE	gas	TRANSFORMER OIL	oil, mineral oil products
PROPYLENE OXIDE	liquid solutions	KEROSINE FUEL	liquid solutions
CALCIUM NITRATE	liquid solutions	TRI SODIUM PHOSPHATE	oil, mineral oil products
CARBON DIOXIDE	liquid solutions	TURBINE OIL	oil, mineral oil products
SACCHAROSE	gas	LANOLINE (WOOL GREASE)	liquid solutions
CHLORINE GAS DRY	liquid solutions	LATEX	oil, mineral oil products
SALT	gas	VASELINE	liquid solutions
CHROME ALUM	oil, mineral oil products	LAUGHING GAS	oil, mineral oil products
SANTOTHERM 66	liquid solutions	VEGETABLE FAT	gas
COCONUT OIL	liquid solutions	LIGHTING GAS	oil, mineral oil products
SEA WATER	oil, mineral oil products	VEGETABLE OILS	oil, mineral oil products
CONDENSATE WATER	oil, mineral oil products	LINK UP MEDIA	gas
SILICONE GREASE	water, steam	VINYL CHLORIDE	liquid solutions
COPPER SALT	liquid solutions	LINSEED OIL	liquid solutions
SILVER SALT	liquid solutions	LITHIUM BROMIDE	liquid solutions
SOAP SOLUTION	liquid solutions	WASHING AGENT	liquid solutions
DEMINERALIZED WATER	liquid solutions	LUBRICATING OIL	gas
SODA	water, steam	WASTE GAS	oil, mineral oil products
DEXTRINE	liquid solutions	WASTE WATER	liquid solutions
SODIUM BROMIDE	liquid solutions	MACHINE OIL	oil, mineral oil products
DIESEL FUEL	liquid solutions	MAGNESIUM SALT	liquid solutions
SODIUM CARBONATE	oil, mineral oil products	ZINC SALTS	liquid solutions



Soft sealing material reinforced with pegged steel core offers excellent thermal and stress resistance combined with very good adaptability to flange irregularities. Due to metal reinforcement it shows very good resistance to “blow-out”.

PROPERTIES AND APPLICATIONS

Doniflex® GR-SP is a suitable choice for applications in the automotive and petrochemical industries, and for exhaust systems. Use for flanges, valves, pumps, heat exchangers, boilers, pressure vessels, compressors, heating systems etc.

Composition

Aramid fibers, Graphite, NBR, Steel AISI 316

SURFACE TREATMENT

Special silver coloured non-stick top and bottom layers as well as other additional surface treatments (silicone, PTFE) are available on request.

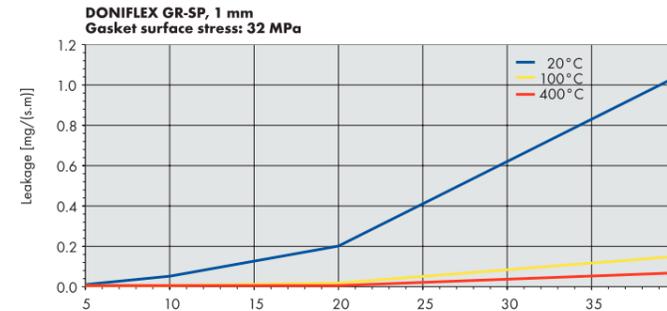
DIMENSIONS OF STANDARD SHEET

Sheet size (mm): 1000 x 1000
Thickness (mm): 1.0 | 1.5 | 2.0 | 3.0 | 4.0

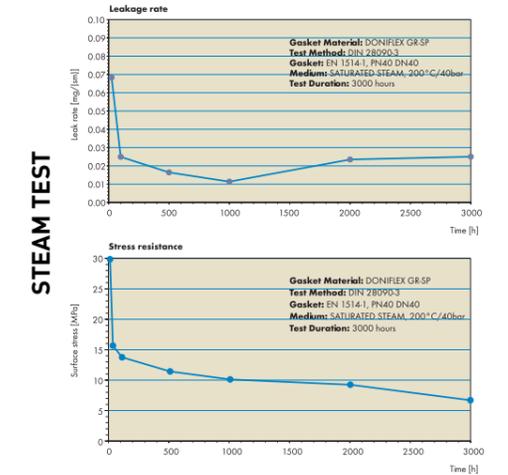
TECHNICAL DATA Typical values for a thickness of 2 mm

Density	DIN 28090-2	g/cm ³	1.75 - 1.95
Compressibility	ASTM F 36J	%	15 - 25
Recovery	ASTM F 36J	%	min 20
Stress resistance	DIN 52913		
50MPa, T=300°C, 16h		MPa	min 40
50MPa, T=175°C, 16h		MPa	min 45
Immersion in oil IRM 903, 5h, 150°C	ASTM F 146		
- thickness increase		%	max 10
- weight increase		%	max 20
Immersion in ASTM Fuel B, 5h, 20°C	ASTM F 146		
- thickness increase		%	max 5
- weight increase		%	max 15
Specific leak rate	DIN 3535-6	mg/(s·m)	max 1.0
Specific leak rate at 100°C	DIN 280902	mg/(s·m)	max 0.05
Specific leak rate at 300°C	DIN 280902	mg/(s·m)	max 0.01
Creep deformation - 50 MPa			
- change in thickness at 300°C		%	max 10
- change in thickness at 450°C		%	max 15
Maximum continuous temperature		°C	450
Short-term peak temperature		°C	500

HIGH TEMPERATURE LEAKAGE TEST WITH N₂



STEAM TEST



MEDIA RESISTANCE

Media resistance chart serves only as a guideline for the selection of material for particular applications. Due to the variety of assembly and operating conditions, the data may not be used to support any warranty claims.

ACETALDEHYDE	liquid solutions	DIPHYL (HEAT CARRIER OIL)	oil, mineral oil products
MALEIC ANHYDRIDE	liquid solutions	SODIUM CHLORIDE	liquid solutions
AIR	gas	SODIUM DISULPHITE	liquid solutions
MARLOTHERM	oil, mineral oil products	ETHYLCELLULOSE	liquid solutions
ALLYL CHLORIDE	liquid solutions	SODIUM DITHIONITE	liquid solutions
MERCURY	miscellaneous	SODIUM FLUORIDE	liquid solutions
ALUM	liquid solutions	FRUIT JUICE	liquid solutions
MERCURY SALTS	liquid solutions	SODIUM HYDROGEN-CARBONATE	liquid solutions
ALUMINIUM CHLORIDE	liquid solutions	FLUE GAS	gas
MINERAL OIL	oil, mineral oil products	SODIUM HYDROGEN-SULPHATE	liquid solutions
ALUMINIUM SULPHATE	liquid solutions	FURNACE GAS	gas
MINERAL OIL	oil, mineral oil products	SODIUM HYDROGEN-SULPHITE	liquid solutions
AMMONIUM PHOSPHATE	liquid solutions	SODIUM IODIDE	liquid solutions
MOTOR OIL	oil, mineral oil products	GEAR OIL	oil, mineral oil products
ANILIN-HYDROCHLORIDE	liquid solutions	SODIUM PERBORATE	liquid solutions
ASPHALT	oil, mineral oil products	GELATIN	liquid solutions
NICKEL SALTS	liquid solutions	SODIUM PHOSPHATE	liquid solutions
ASTM OIL NO.1 FUEL	oil, mineral oil products	GENERATOR GAS	gas
NITROGEN	gas	SODIUM SILICATE	liquid solutions
ASTM OIL NO.2 FUEL	oil, mineral oil products	GLAUBER SALT	liquid solutions
ASTM OIL NO.3C FUEL	oil, mineral oil products	SODIUM SULPHATE	liquid solutions
OIL ACID	oil, mineral oil products	GLUCOSE	liquid solutions
ASTM FUEL A	oil, mineral oil products	SODIUM SULPHITE	liquid solutions
ASTM FUEL B	oil, mineral oil products	GLYCOL	liquid solutions
PARAFFIN	oil, mineral oil products	SODIUM THIOSULPHATE	liquid solutions
ASTM FUEL C	oil, mineral oil products	GLUE	liquid solutions
PETROLEUM	oil, mineral oil products	SPINDLE OIL	oil, mineral oil products
ASTM FUEL D	oil, mineral oil products	SPIRITS	oil, mineral oil products
PHOTOGRAPHIC EMULSIONS	liquid solutions	HEAT CARRIER OIL	oil, mineral oil products
AZ 20 [32+125]	oil, mineral oil products	STARCH SOLUTION	liquid solutions
PHTHALIC ANHYDRIDE	liquid solutions	HEPTANE (-n)	oil, mineral oil products
POLYETHYLENE GLYCOL	oil, mineral oil products	STEAM	water, steam
BEER	liquid solutions	HEXANE (-n)	oil, mineral oil products
POTASH	liquid solutions	SULPHUR DIOXIDE	gas
BENZINE	oil, mineral oil products.	HOT WATER	water, steam
POTASSIUM ALUM	liquid solutions	SYLTHERM 800	oil, mineral oil products
BITUMEN	oil, mineral oil products	HYDRAULIC OIL	oil, mineral oil products
POTASSIUM BROMATE	liquid solutions	SYNTREL 350	oil, mineral oil products
BORAX	liquid solutions	HYDROSULPHITE	liquid solutions
POTASSIUM BROMIDE	liquid solutions	TANNIC ACID	liquid solutions
BRAKE FLUID (GLYCOL BASIS)	oil, mineral oil products	INERT GAS	gas
POTASSIUM CARBONATE	liquid solutions	TAR	oil, mineral oil products
BUTADIENE	oil, mineral oil products	ISOCTANE	oil, mineral oil products
POTASSIUM PHOSPHATE	liquid solutions	TEST BENZINE	oil, mineral oil products
BUTENE (BUTYLENE)	oil, mineral oil products	ISOPROPYL ACETATE	liquid solutions food
POTASSIUM SALT	liquid solutions	TETRAETHYL LEAD	oil, mineral oil products
POTASSIUM SULPHATE	liquid solutions	TRANSFORMER OIL	oil, mineral oil products
CALCIUM CHLORIDE	liquid solutions	KEROSINE FUEL	oil, mineral oil products
PROPYLENE OXIDE	gas	TRI SODIUM PHOSPHATE	liquid solutions
CALCIUM NITRATE	liquid solutions	TURBINE OIL	oil, mineral oil products
CARBON DIOXIDE	gas	LANOLINE (WOOL GREASE)	liquid solutions
SACCHAROSE	liquid solutions	LATEX	liquid solutions
CHLORINE GAS DRY	gas	VASELINE	oil, mineral oil products
SALT	liquid solutions	LAUGHING GAS	gas
CHROME ALUM	liquid solutions	VEGETABLE FAT	oil, mineral oil products
SANTOTHERM 66	oil, mineral oil products	LIGHTING GAS	oil, mineral oil products
COCONUT OIL	oil, mineral oil products	VEGETABLE OILS	oil, mineral oil products
SEA WATER	liquid solutions	LINK UP MEDIA	liquid solutions
CONDENSATE WATER	water, steam	VINYL CHLORIDE	gas
SILICONE GREASE	oil, mineral oil products	LINSEED OIL	liquid solutions
COPPER SALT	liquid solutions	LITHIUM BROMIDE	liquid solutions
SILVER SALT	liquid solutions	WASHING AGENT	liquid solutions
SOAP SOLUTION	liquid solutions	LUBRICATING OIL	oil, mineral oil products
DEMINEALIZED WATER	water, steam	WASTE GAS	gas
SODA	liquid solutions	WASTE WATER	liquid solutions
DEXTRINE	liquid solutions	MACHINE OIL	oil, mineral oil products
SODIUM BROMIDE	liquid solutions	MAGNESIUM SALT	liquid solutions
DIESEL FUEL	oil, mineral oil products	ZINC SALTS	liquid solutions
SODIUM CARBONATE	liquid solutions		

Granite Stone

ELECTROLUX

Your Original Manufacturer & Authorized Provider
of Parts & Services for all 1984-2012 Electrolux

www.donit.eu

www.rubber-products.com.mk
www.electrolux.com.mk