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**DONIT** | Solutions

## DONIPACK



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3010

3011

3020

3030

3031

3040

3041

3042

3050


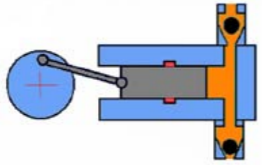
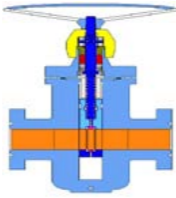
3051



**PROPERTIES AND APPLICATIONS**

Donipack 3010 is braided from expanded pure graphite and it has high temperature stability and cross sectional density. This packing can be used in valves and pumps (with some limitations). It is also a service packing for power plants, and is used in high temperature applications in process industry. It is recommended for hot water, steam, gases, oils, acids and alkalis in high concentrations.

**APPLICATION PARAMETERS**

	 Rotary pumps	 Plunger pumps	 Valves	application
v [m/s]	8			Water treatment Mining Marine Utilities
t [°C]	-20....+100			
pH value	6.....9			
p [bar]	30	10	40	
density [g/cm <sup>3</sup> ]	1.2			

**Benefits:**

- cost effective for basic applications
- soft and flexible
- easy manipulation

**Availability:**

On creels (KG) in standard sizes between 3 - 25mm (square bigger than 25mm on request).




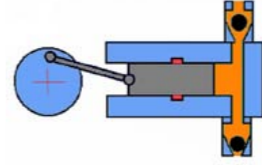
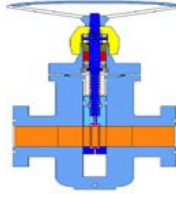
Donit Tesnit, d.o.o.



**PROPERTIES AND APPLICATIONS**

Donipack 3011 is braided from expanded pure graphite with thin Inconel wire reinforcement, thereby producing high temperature stability and cross sectional density. This packing can be used in valves and pumps (with some limitations). It is also a service packing for power plants, and can be used in high temperature applications in process industry. It is recommended where hot water, steam, gases, oils, acids and alkalis in high concentrations are present.

**APPLICATION PARAMETERS**

	 Rotary pumps	 Plunger pumps	 Valves	application
v [m/s]	6			Water treatment Mining Marine
t [°C]	-20....+100			
pH value	6.....9			
p [bar]	20	10	40	
density [g/cm <sup>3</sup> ]	1.2			

**Benefits:**

- cost effective for basic applications
- soft and flexible
- easy manipulation

**Availability:**

On creels (KG) in standard sizes between 3 - 25mm (square bigger than 25mm on request).



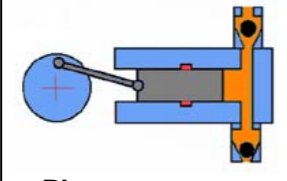
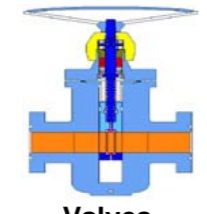
Donit Tesnit, d.o.o.



**PROPERTIES AND APPLICATIONS**

Donipack 3020 is braided with continuous Ramie yarns. Each yarn is impregnated with PTFE dispersion. This ensures high density and low friction performance. Donipack 3020 is ideal for different water pump applications – water, medium acids and chemicals, waste water, paper, asphalt and condensate. It is also widely used in plunger pumps in refineries, mills and water applications.

**APPLICATION PARAMETERS**

	 Plunger pumps	 Valves	application
v [m/s]	2		Chemical Pharmaceutical Pulp & Paper General Industry Oil and gases
t [°C]	-200....+250		
pH value	0.....14		
p [bar]	250		
density [g/cm <sup>3</sup> ]	1.5		

**Benefits:**

Wear resistant, longer service life; Low volume loss and less maintenance required; Donipack 3020 packing is impregnated with PTFE, so it has better density and chemical resistance.

**Availability:**

On creels (KG) in standard sizes between 3 - 25mm (square bigger than 25mm on request).




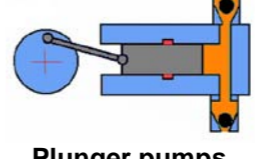
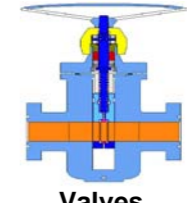
Donit Tesnit, d.o.o.



**PROPERTIES AND APPLICATIONS**

This packing is made from aramid staple fibers, PTFE and lubricating oil impregnation. This is universal packing for many industry sectors. It has good abrasion and it is temperature and chemical resistant. Donipack 3030 is suitable in general industry, agriculture, marine, paper industry, oil & gas treatments in power stations, refineries, hot and cold water, acid, solvents, steam...

**APPLICATION PARAMETERS**

	 Rotary pumps	 Plunger pumps	 Valves	application
v [m/s]	26		2	Chemical industry Pharmaceutical Pulp & paper Steel & Metals Power generation
t [°C]	-200....+280			
pH value	0.....14			
p [bar]	30	80	250	
density [g/cm <sup>3</sup> ]	1.60			

**Benefits:**

This packing is suitable for sealing in abrasive media. Donipack 3030 is extremely wear resistant. The service life is very long. This choice is an excellent balance between price and performance, and offers good technical properties in a wide range of applications.

**Availability:**

On creels (KG) in standard sizes between 3 - 25mm (Square size above 25mm on request).




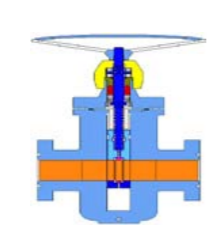
Donit Tesnit, d.o.o.



**PROPERTIES AND APPLICATIONS**

This packing is made from aramid fiber synthetic yarns, PTFE and lubricating oil impregnation. This is universal packing for many industry sectors. It has good abrasion and it is temperature and chemical resistant. Donipack 3031 is suitable for general industry, agriculture, marine, paper industry, oil & gas treatments in power stations, refineries, cold and hot water, acid, solvents, steam...

**APPLICATION PARAMETERS**

	 Rotary pumps	 Valves	application
v [m/s]	10	2	Chemical Pharmaceutical Food&Beverage Paper General Industry
t [°C]	-100....+250		
pH value	0.....14		
p [bar]	20	100	
density [g/cm <sup>3</sup> ]	1.6		

**Benefits:**

This packing is suitable for sealing in abrasive media. Donipack 3031 is extremely wear resistant. The service life is very long. This choice is an excellent balance between price and performance and offers good technical properties in a wide range of applications.

**Availability:**

On creels (KG) in standard sizes between 3 - 25mm (square bigger than 25mm on request).




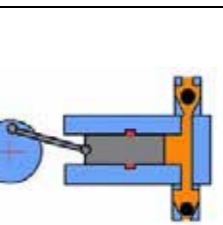
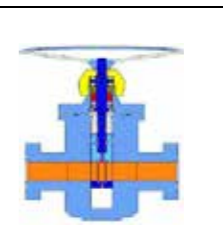
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**PROPERTIES AND APPLICATIONS**

This packing is made from expanded PTFE yarns, PTFE dispersion and silicone lubricants. Due to its excellent lubrication this packing exhibits very low friction. Donipack 3040 is suitable for applications with chemicals, solvents, food, water, gases.

**APPLICATION PARAMETERS**

	 Rotary pumps	 Plunger pumps	 Valves	application
v [m/s]	35	2		Non abrasive water Acid & medium ch. Gases, oils Steam, Solvents
t [°C]	-100....+280			
pH value	2.....12			
p [bar]	35	200		
density [g/cm <sup>3</sup> ]	1.35			

**Benefits:**

Donipack 3040 has excellent sealing effect with very low leakage rate. It can be used in general industry, and is especially appropriate for all chemical applications.

**Availability:**

On creels (KG) in standard sizes between 3 - 25mm (Square size above 25mm on request).




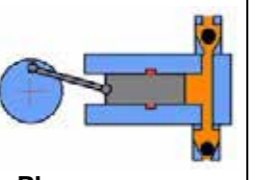
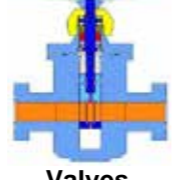
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### PROPERTIES AND APPLICATIONS

Donipack 3041 packing consists of graphite-filled lubricated PTFE yarns. The special braided structure offers the benefits of low thermal expansion and excellent heat conduction. Donipack 3041 is recommended in dynamic applications, and for high speed rotary pumps. It can be used in chemical solvents, corrosives, gases, water, steam, ammonia, paper, condensate, bitumen, acids.

### APPLICATION PARAMETERS

	 Rotary pumps	 Plunger pumps	 Valves	application
v [m/s]	12	2		Non abrasive water Acid & medium ch. Gases, oils Steam, Solvents
t [°C]	-100....+250			
pH value	2.....12			
p [bar]	25	100		
density [g/cm <sup>3</sup> ]	1.35			

#### Benefits:

Packing has a long service life because it has the ability to run at high speeds and can also withstand dry running for a certain period. It has very low leakage during operation.

#### Availability:

On creels [KG] in standard sizes between 3 - 25mm (Square size above 25mm on request).




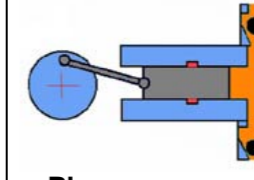
Donit Tesnit, d.o.o.



### PROPERTIES AND APPLICATIONS

This packing is made from expanded PTFE yarns with PTFE impregnation. Due to its special structure and impregnation this packing ensures very good chemical resistance and low leakage performance. The packing has excellent sealing properties under low compressibility. Donipack 3042 is suitable for plunger pump applications with chemicals, solvents, food, water, gases, steam, oils, ammonia.

### APPLICATION PARAMETERS

	 Rotary pumps	 Plunger pumps	application
v [m/s]	12	2	Gases & oil Waste water Chemical&pharmaceutical Sugar Metals, Power generation
t [°C]	-50....+150		
pH value	3.....12		
p [bar]	35	100	
density [g/cm <sup>3</sup> ]	1.3		

#### Benefits:

Donipack 3042 can be used for almost all media, including highly concentrated chemicals. Due to low leakage levels, it is also suitable for a variety of nuclear applications.

#### Availability:

On creels [KG] in standard sizes between 3 - 25mm (square bigger than 25mm on request).



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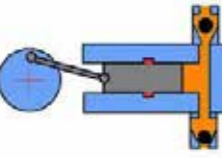
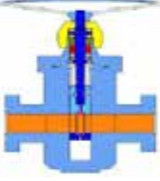




### PROPERTIES AND APPLICATIONS

This is braided from cotton yarns, and impregnated with mineral lubricants. Donipack 3050 can be used in rotary pump applications for sea water, process water and low acid or alkaline concentrations.

### APPLICATION PARAMETERS

	 Rotary pumps	 Plunger pumps	 Valves	application
v [m/s]	50			Valves and pumps Power plants Petrochemical and refineries high temperature applications process industry
t [°C]	-240....+650			
pH value	0.....14			
p [bar]	30	200	500	
density [g/cm <sup>3</sup> ]	1.15			

#### Benefits:

- Pure expanded graphite yarn is alternative for asbestos.
- Wide variety of moulds available.
- High temperature and chemical resistance
- Excellent sealing effect

#### Availability:

On creels (KG) in standard sizes between 3 - 25mm (square bigger than 25mm on request).




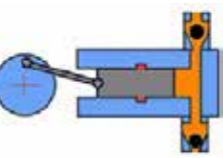
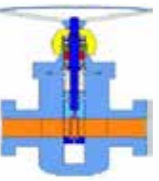
Donit Tesnit, d.o.o.



### PROPERTIES AND APPLICATIONS

Donipack 3051 is braided from cotton yarns, and impregnated with mineral lubricants and graphite particles. Due to the graphite particles this packing has very low friction. This packing can be used in rotary pump applications for sea water, process water and low acid or alkaline concentrations.

### APPLICATION PARAMETERS

	 Rotary pumps	 Plunger pumps	 Valves	application
v [m/s]	50	50	2	Valves and pumps Power plants Petrochemical and refineries high temperature applications process industry
t [°C]	-240....+650			
pH value	0.....14			
p [bar]	30	170	450	
density [g/cm <sup>3</sup> ]	1.14			

#### Benefits:

- Pure expanded graphite yarn is alternative for asbestos.
- Wide variety of moulds available.
- High temperature and chemical resistance
- Excellent sealing effect

#### Availability:

On creels (KG) in standard sizes between 3 - 25mm (Square size above 25mm on request).



Donit Tesnit, d.o.o.



### **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 the 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 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.**

