



STUFFING BOX PACKINGS



JAMPAK and the Seal-Cage-System

TEADIT® has – with the development of the Seal-Cage-Systems - made the concept of injectable packing compound work correctly and reliably. But not only this, TEADIT® has also

- modified and enhanced the injection gun and its connecting system, which makes injecting the packing compound easier
- developed new versions of packing compound for specific applications
- designed various accessories which make installing and working with the JAMPAK Seal-Cage-System quicker and easier

Benefits of TEADIT® JAMPAK sealants:

- easy to install - easy to use (detailed installation CD-Rom available)
- repacking made easy with the TEADIT® JAMPAK injection gun and helpful accessories
- repacking while equipment is operating - no interruption of production, considerably less downtime, longer continuous working periods of equipment
- extremely low coefficient of friction saves on energy, reduces heat build-up and shaft wear
- saves on water and waste water because no flush (cooling water) is required
- operates virtually leakfree
- works well with slightly worn shafts or sleeves because of excellent malleability
- reduces operating costs and extends equipment life

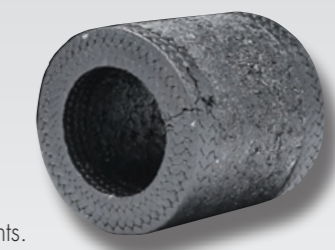
The TEADIT® Jampak Seal-Cage-System consists of the following parts:

- Jampak injection gun kit
- Jampak packing compounds
- Jampak Seal-Cage-System



JAMPAK 26

A non-staining, non-toxic PTFE fiber blended with FDA-approved lubricants for clean or food grade applications.



JAMPAK 27

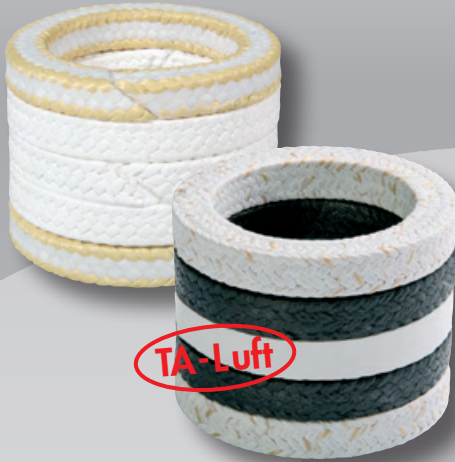
A blend of high performance gPTFE fibers and chemically resistant lubricants.

		Carbon / Graphite						PTFE					PTFE / Aramid		Aramid			Glass		Others						
style		2000/2010	2202	2001	2200	2235	2103	2005FDA	2006FDA	2124	2024	2022	2007	2017	2070*	2004	2030	2044	2026	2027	2127	2422	2777	style		
filament		exp. Graphite	exp. Graphite/Carbon	Graphite	Carbon	exp. Graphite/Incone®	Preox	PTFE	PTFE	PTFE	PTFE-extrud.	PTFE-extrud.	gPTFE	gPTFE-Aramid	gPTFE-Aramid	Aramid	Meta-Aramid	spun Aramid	Glass	Glass	Acrylic	Ramie	Navoloid	filament		
impregnation				Graphite	Graphite	Graphite	Graphite	PTFE	PTFE			Graphite		PTFE		PTFE	PTFE	PTFE	PTFE	Graphite	PTFE	PTFE	PTFE	impregnation		
lubricant											yes	yes	silicone	silicone	silicone	silicone	yes	yes	yes		silicone	yes	yes	lubricant		
bar	rot.	30	30	30	25		25	20	20		10	25	35	30	35	35	35	20	15		20	20	25	bar	rot.	
bar	osc.	100	200	100	100			150	30				100	200	250	200	150	80	20		80	20	50	bar	osc.	
bar	stat.	300	300	300	300	450	100	250		100	20	100	200	200	250	250	200	150	150	100	30	100	100	bar	stat.	
m/s	v	30/20	20	20	20		15	5	12		4	12	25	20	25	15	15	15	8		12	10	15	m/s	v	
°C	-	-240	-240	-240	-240	-240		-200	-100	-100	-100	-100	-200	-100	-100	-100	-100	-100	-40		-100		-100	°C	-	
°C	+	+450	+450	+450	+450	+450	+300	+280	+280	+280	+250	+280	+280	+280	+280	+280	+290	+280	+280	+550	+230	+130	+250	°C	+	
°C	steam	+650 ¹⁾	+650	+650	+650	+650														+200				°C	steam	
pH value		0 - 14	0 - 14	0 - 14	0 - 14	0 - 14	3 - 12	0 - 14	0 - 14	0 - 14	0 - 14	0 - 14	0 - 14	2 - 12	0 - 14	2 - 12	1 - 13	2 - 12	3 - 12	4 - 11	2 - 12	5 - 11	1 - 13	pH value		
density: app. g/cm ³		1,0	1,1	0,9	1,1	1,6	0,9	1,7	1,8	1,6	1,9	1,9	1,6	1,5	1,6	1,5	1,5	1,4	2	1,5	1,5	1,5	1,3	density: app. g/cm ³		
water		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	water	
steam		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	steam	
neutr. solutions		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	neutr. solutions	
highly diluted acids		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	highly diluted acids	
concentrated acids		●	●	●	●	●	○	●	●	●	●	●	●	○	●	○	○	○			○				concentrated acids	
highly concentrated acids		○	○	○	○	○		●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○		highly concentrated acids	
diluted alkalis		●	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○	●	●	●	○	○	●		diluted alkalis	
concentrated alkalis		●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○		concentrated alkalis	
inert gas		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	●	inert gas	
acidic gas		●	●	●	●	●	○	●	●	●	●	●	●	○	●	○	○	○			○				acidic gas	
hydrogen		○	○			○		●	○	●	●	●	●	○	●				○	○				○	hydrogen	
oxygen		●/○	○			○		●		●	●	●	●	○	●				○	○				○	oxygen	
volatile hydrocarbon solvents		●	●	●	●	●	●	●	●	●	●	●	●	○	●	○	○	○	○	○	○	○	○	○	volatile hydrocarbon solvents	
amines, nitriles		●	○	○		●		●	●	●	●	●	●	●	●	○	○	○			●			●	amines, nitriles	
mineral oil, grease		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	mineral oil, grease	
synth. oils		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	synth. oils	
abrasive media			○					○	○	○	●	●	○	●	●	●	●	●			○	○	●		abrasive media	
bitumen								○	○	○	●	●	○	●	●	●	●	●			○		●		bitumen	
paints, varnishes		●	●	●	●	●	●	●	●	●	○	○		●	●								●		paints, varnishes	

Glossary: ● recommended ○ limited usability * patented
 1) with inert gas up to 1000 °C

All technical data and recommendations given are based on our experiences. However, we do not undertake any liability whatsoever. All data and values have to be checked by the user, since the effectiveness of a seal can only be judged correctly by evaluating all data and parameters directly on site. The stated parameters of all packing styles are approximate and may be mutually influenced if occurring together. We suggest you contact us in the case of special applications.

Packing rings and packing accessories



Sets of PACKING-RINGS

Teadit produces preformed packing rings from their whole range of braided packings. Available in all dimensions, combination of different packings possible, both with 45° or 90° cuts.

A PACKING-RING-SET with TA - Luft approval is available, details on request.



Sets of pure GRAPHITE-RINGS

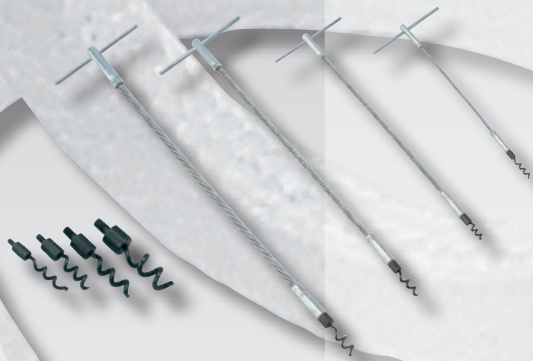
Made from pure graphite tape in 98% or 99.85% purity. If found necessary, anti-extrusion rings made from braided graphite or carbon yarn can be included in a set (top and bottom). Such combinations offer excellent sealability and high pressure resistance.



Packing cutter (45° cut)

Facilitates cutting of braided packings. Available in two different lengths.

- no wrong cuts - no wastage
- precise 45° cut for respective shaft diameter
- very handy and easy to use



Packing extractors

These special tools are recommended for removing used packing rings from the stuffing-box.

- easy to use
- reliable
- fast



PTFE gasket material ■ structured PTFE sheets ■ multidirectionally exp. PTFE sheets ■ multidirectionally exp. PTFE tapes ■ monodirectionally exp. PTFE tapes ■ **Braided gland packings** ■ Carbon / Graphite packings ■ PTFE packings ■ PTFE / Aramid packings ■ Aramid packings ■ Glass packings ■ Acrylic packings ■ Ramie packings ■ Polyimid packings ■ Novoloid packings ■ Nomex packings ■ **Preformed packing rings** ■ TA-Luft packing sets ■ **Compressed fibre sheets** ■ Carbon / Graphite /NBR ■ Aramid /NBR ■ Cellulose / NBR ■ **Graphite sheets** ■ Graphite sheets with plain metal insert ■ Graphite sheets with tanged metal insert ■ Pure graphite sheets ■ **Gaskets** ■ PTFE envelope gaskets ■ Cut gaskets ■ Gaskets with metal eyelets ■ Double jacketed gaskets ■ Spiral-wound gaskets ■ Kammprofile gaskets ■ Hand- and manhole gaskets ■ Tank lid gaskets ■ Braided gasket tapes ■ **Jampak** ■ Injection gun ■ Jampak injectable compounds ■ Seal-Cage-System ■ **Accessories** ■ Various packing cutters ■ Packing extractors ■ Circular gasket cutter ■ **and many more...**

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