

# POWER<sup>®</sup>pack 1110

Product name:	<b>POWER<sup>®</sup>pack 1110</b>	Product specification No.:	<b>D – 0092-0-EN</b>	Date:	15. 08. 2013
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## Construction / properties:

Pure carbon fiber yarn. Impregnation with graphite dispersion with an active corrosion and oxidation inhibitor.

## Properties:

POWER<sup>®</sup>pack 1110 lacks the usual stiffness of conventional carbon packings. Good flexibility and heat dissipating properties, very low coefficient of friction. Excellent chemical and thermal stability. POWER<sup>®</sup>pack 1110 is very well suited as top and end rings in combination with styles POWER<sup>®</sup>pack 1010. It prevents gap-extrusion of the softer flexible graphite.

## Application areas:

POWER<sup>®</sup>pack 1110 can be used equally well in pumps - also boiler feed pumps -, valves, mixers, refiners, etc. in many different industries like pulp- and paper, power stations, chemical and pharmaceutical industry and many more. This packing covers the full pH-range and can be used with nearly all media: cold and hot water, steam, chemicals, hot gases, alcohol, solvents, heat transfer agents, etc.




## Benefits:

POWER<sup>®</sup>pack 1110 is a very affordable high quality all-round packing, many companies have standardized on it. Because its coefficient of thermal expansion is very similar to that of steel it needs less adjustments of the gland. Low coefficient of friction means low shaft wear. Its low specific gravity results in excellent economy. It closes the gap (also price-wise) between conventional packings and pure graphite packings.

## Not suitable for:

Highly concentrated corrosive acids.

## Technical data:

Temperature	<b>-240 °C to +450 °C, steam 600 °C</b>	
Pressure:	 <b>rotating:</b> <b>25 bar</b>  <b>oscillating:</b> <b>100 bar</b>  <b>static:</b> <b>300 bar</b>	
pH:	<b>0 – 14</b>	
Density:	<b>1,1 (g/cm<sup>3</sup>)</b>	
v:	<b>20 (m/s)</b>	

### Pokorny industries s.r.o.

Trnkova 115, 628 00 Brno  
Czech Republic  
telefon: +420 532 196 711  
info@pokornyindustries.com



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