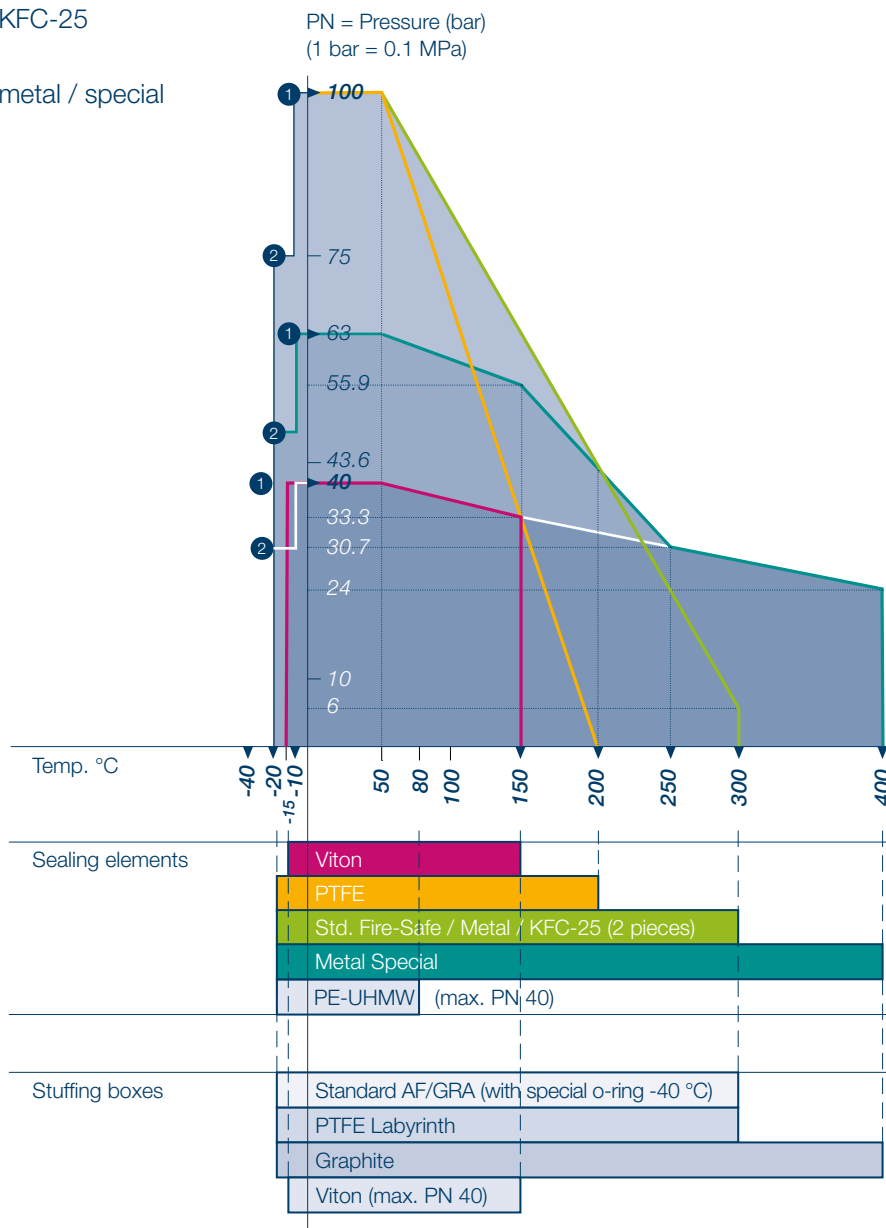
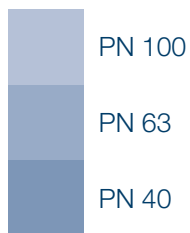


# AREAS OF UTILIZATION

## Pressure and temperature ranges BALLOSTAR KHA



Steel cast iron

Material index VIII

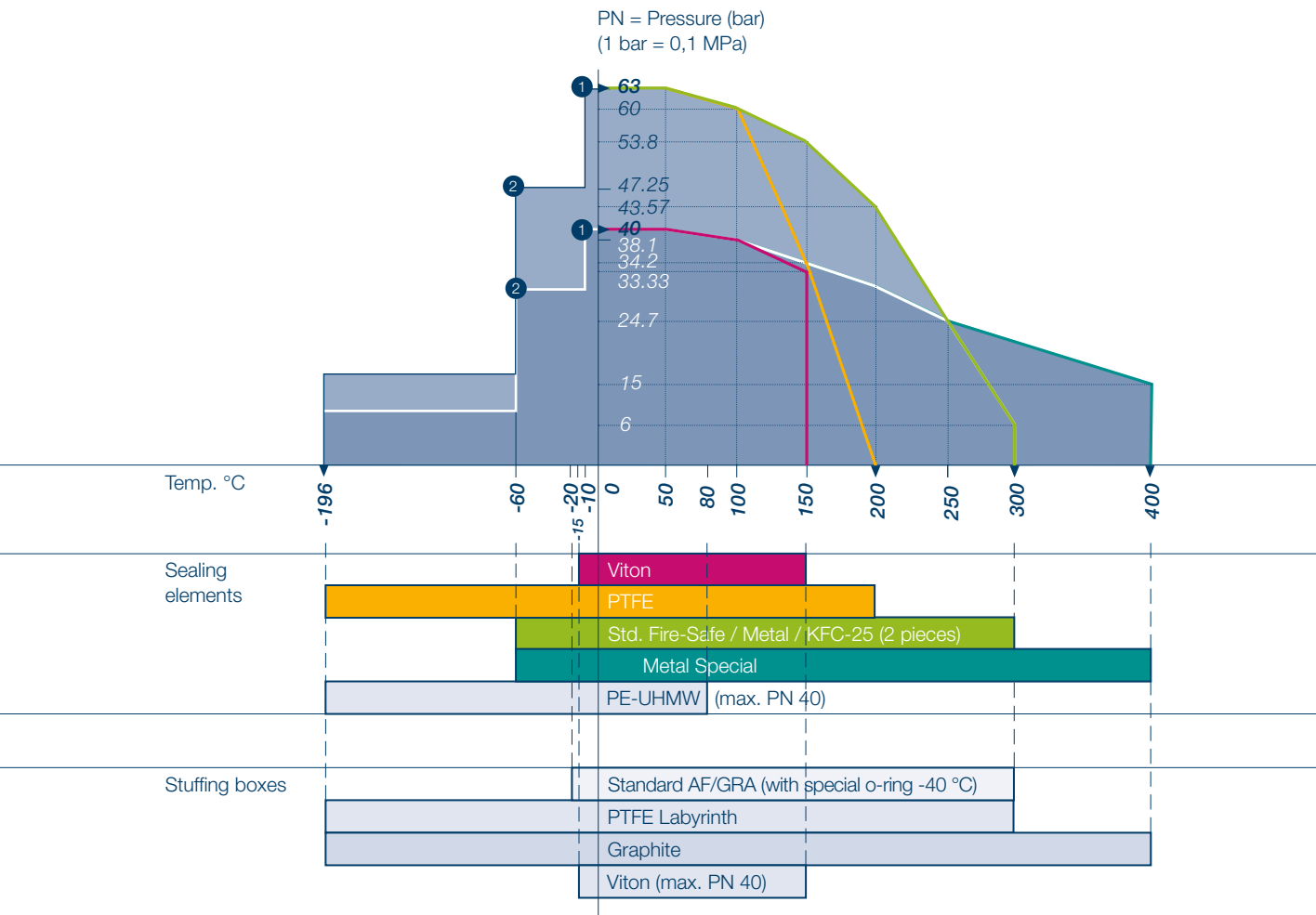
The pt diagrams illustrate the influence of the three body materials, the sealing materials and the actuator shafts on the area of utilization of the ball valve. This represents safety at the highest level. Insert your operating point into the diagram fields and you will identify whether your

safety reserves meet your requirements. At the same time, you will see which parameters may require further change. Carrying out your selection on the basis of this principle, you will optimize the cost-effectiveness of your valve.

1 If the operating pressure is between 75 – 100 % of the nominal pressure, then the application field in all three pressure stages (PN 100, 63, 40) will reach down to -10 °C.

2 If the operating pressure, including load peaks, is between 25 – 75 %, the field of application increases to -20 °C in case of steel cast iron and to -60 °C in case of rust and acid-proof cast iron.

In case the operating pressure drops into the nominal pressure range, the application field within the temperature range will increase.



For application cases under -60 °C please contact the producer

rust and acid-proof cast iron

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