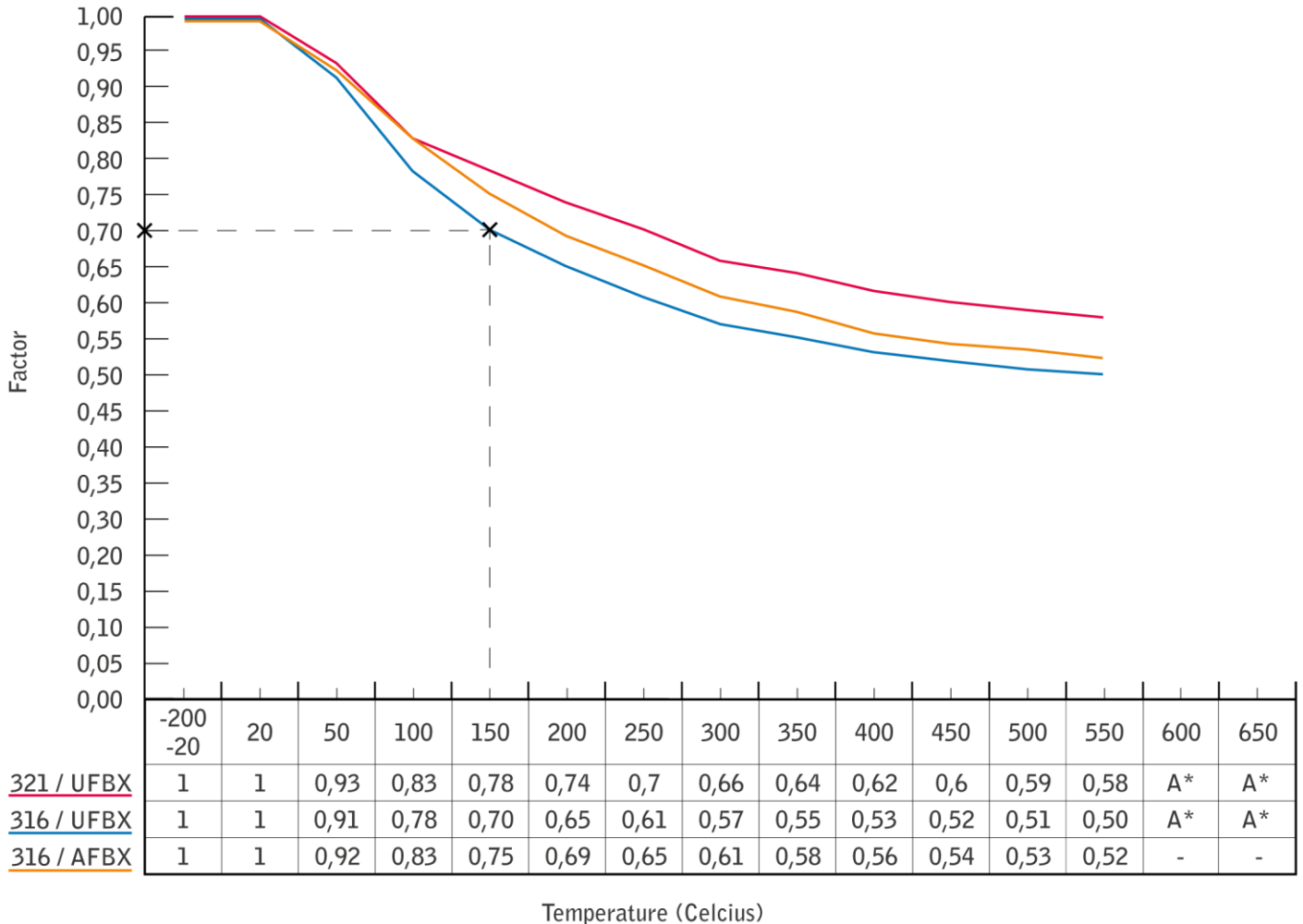


Temperature De-rating Factors Corrugated SS Hose

Temperature

Temperature affects the physical properties of all materials, generally the higher the temperature the weaker the material becomes. The chart below shows the temperature de-rating factors detailed within ISO 10380 – Table A.2.



Example

Hose : UFBX-1 316/304
 Diameter : 2"
 Max w.p. : 30 bar (See datasheet UFBX 316)
 Working temperature : 150° C

Go to 150° C in horizontal line, make a vertical line that crosses the blue line and go horizontal to the left. This (0,70) is your derating factor.

Conclusion

UFBX-1-2" - 150° C has a wp of 0,70 x 30 bar = 21 bar.

*A: Refer to manufacturer

All information in this document is without any obligation, specifications subject to change without any notice.

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