



# Quick Reference for Nordfab Ductwork in Various Operating Temperatures

This information must be used in conjunction with Nordfab Technical Data Sheets for each product to confirm temperature vulnerabilities for product components.

| Operating Temperature of Ductwork Components |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
|--|---|-------|-------------|---------------------|------------------------------------|-----------------------------|---|--|--------------------------------------|---------|--|--|--------------|---------------------|---------|----------|
| ° F  | Pipe, Elbows, Branches & Other Metal Components |       |             |                     | Caulks                             |                             |   |  | Seals in QF Clamp                    |         |  | O-Rings for Quick-Fit Sleeves (adjustable nipples) |              | Flange Gasket       |         |          |
| 2600°  |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 1100°  |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 600°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 500°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 450°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 400°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 390°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 250°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 190°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| 158°   | Galvanized Steel                                | 304SS | Black Metal | Black Metal Painted | 3M™ Scotch Seal Metal Sealant 2084 | Rock River Silicone Sealant | Red Devil HVAC/R High Temp Silicone Sealant | Leak-free caulking: 3M Marine Adhesive/Sealant Fast Cure 4000 UV | 3M Polyurethane Adhesive Sealant 560 | Nitrile | Silicone (intermittent to 500° F, max. one hour) | ePTFE  | Black O-Ring | Red Silicone O-Ring | Nitrile | Silicone |
| -20°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| -40°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| -60°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| -65°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| -75°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |
| -82°   |   |       |             |                     |                                    |                             |   |  |                                      |         |  |  |              |                     |         |          |

This information is intended as a general recommendation. Each component in a ductwork system should be analyzed for temperature vulnerabilities (example: Rubber seals in blast gates have a lower temperature rating than the metal housing.) See our Nordfab Product Reference for notes regarding components with additional temperature limitations.