



Thermal Seal Duct Systems, Inc.	Star 1	Star 2	Star 3	Star 4
Duct Type	Commercial Quality Air Duct	Customized Commercial Air Duct (Square)	Hygienic Air Duct (Round/Square)	High Hygienic Air Duct (Round/Square)
Longitudinal Joints	Not Recommended by TSD	Side seams are flanged and sealed.	All joints continuously welded on inside.	All joints continuously welded on inside and outside.
Transversal Joints	Not Recommended by TSD	Rigid flanges, water-tight in case of regular wet cleaning.	Rigid flanges welded to duct and bolted together.	All joints continuously welded.
Sealing	Not Recommended by TSD	Food Grade Sonolastic NP1	Food Grade Neoprene Gasket	N/A
Material	Not Recommended by TSD	20 gauge Stainless Steel 304 2B Interior Duct/20 gauge Galvanized Steel Exterior (or Stainless/Stainless for production areas)	16 gauge Stainless Steel 304 2B Interior Duct/16 gauge Galvanized Skin for non-production areas (16 gauge 304 2B Stainless Steel Skin in production areas.)	16 gauge Stainless Steel 304 2B Interior Duct/16 gauge Galvanized Skin for non-production areas (16 gauge 304 2B Stainless Steel Skin in production areas.)
Insulation	Not Recommended by TSD	Polyisocyanate foam insulation (2.5"- 4") between exterior and interior duct	Polyisocyanate foam insulation (2.5"- 4") between exterior and interior duct	Polyisocyanate foam insulation (2.5"- 4") between exterior and interior duct