HEAT-FLEX® NS

APPLICATIONS
Recommended for industrial air movement and fume control applications: Aircraft; automotive; brake ducting; brick kilns; cab ventilation; defroster/heater hose; dry cleaning; dryer hose; exhaust systems; garage exhaust; glass drying; heater; high temperature applications; plastics industry; rocket support duct; tractor pull exhaust; transmission cooling; vehicle exhaust systems

FEATURES
Nomex® material increases flex life & abrasion resistance; suited for high temperature air handling applications; the narrow pitch allows for tight bending radius while maintaining a smooth air flow; ideal for applications where constant flexing is involved; non-kinking; resistant to many oils & solvents, ozone, water, fungus, & alkalis

CONSTRUCTION
Double-ply fabric hose with a silicone coated fiberglass inner layer & a silicone coated Nomex® outer layer reinforced with a spring steel wire helix & external filament fiberglass cord

REINFORCEMENT
Outer layer reinforced with a spring steel wire helix & external filament fiberglass cord

I.D. TOLERANCES
-0.00 to +0.125 Inch

COLOUR
Inner Layer; Iron Oxide Red
Outer Layer; Black

TEMPERATURE RANGE
-65°F to 550°F

TECHNICAL DATA

I.D Ø		Appro. Weight	Compression	Min. Centerline Bend Radius	Max. Recommended (-) Pressure	Max. Recommended (+) Pressure	Std. Length
(inch)	(mm)	(lbs/ft)	(ratio)	(inch)	(in/hg)	(psi)	(ft)
1	25.4	0.12	3:1	1.2	29	30	12
1.5	38.1	0.17	3:1	1.8	29	30	12
2	50.8	0.25	3:1	2	29	30	12
2.5	63.5	0.3	3:1	2.3	29	30	12
3	76.2	0.33	3:1	2.5	29	30	12
3.5	101.6	0.4	3:1	2.5	29	30	12
4	114.3	0.48	5:1	3	27	30	12
4.5	127	0.54	5:1	3.2	20	30	12
5	152.4	0.59	5:1	3.5	14	30	12
6	203.2	0.62	5:1	4	9	19	12
8	203.2	0.79	5:1	4	9	14	12

* Technical data based on 2 ft. straight lengths of hose @ 72° F