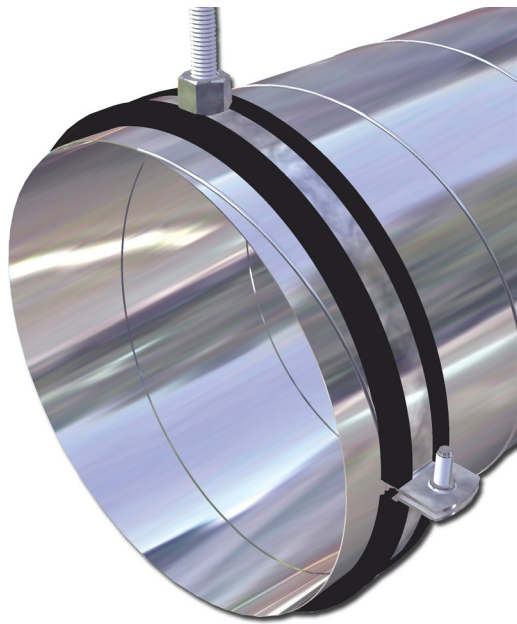
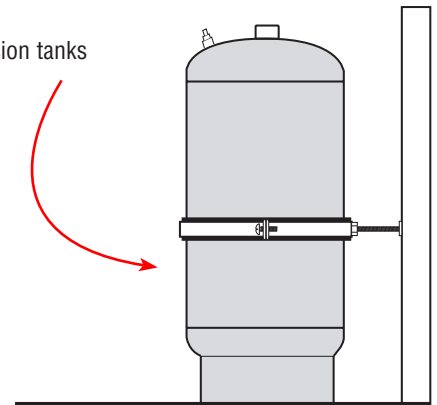


SPIRAL DUCT CLAMPS RUBBER LINED



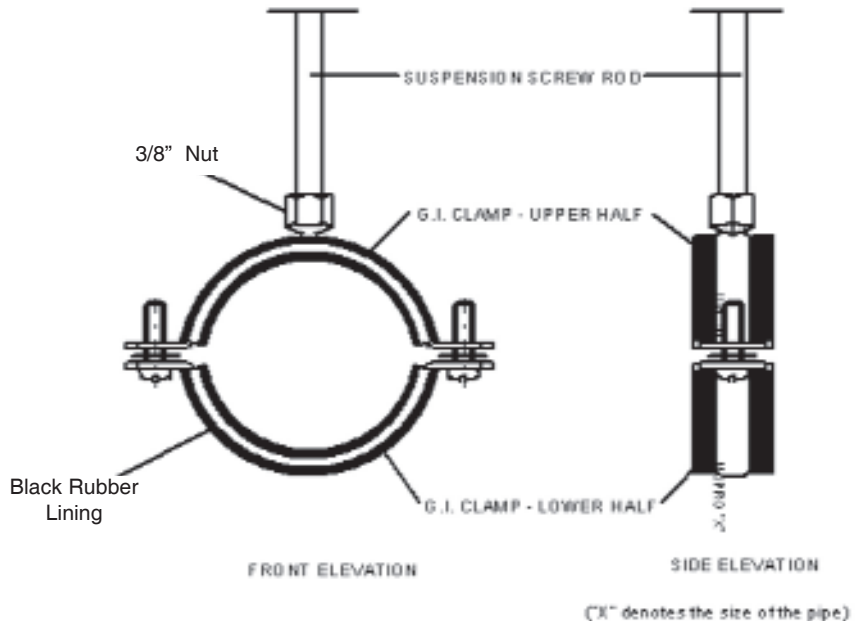
- Secure spiral ducts up to 24" with 3/8" threaded rod
- Two piece design with 2 lock bolts that allow adjustment to accommodate varying pipe sizes
- Rubber vibration control lining reduces noise and resists corrosion
- The special design of the rubber lining and clamp effectively prevents the lining from slipping out
- Mount 360° vertically or horizontally
- Load capacity: 4" to 14" - 112 lbs. 16" to 24" - 270 lbs.
- Maximum Temperature Rating: 200°F
- Perfect for use with hot water heaters and expansion tanks



Installation Instructions:

1. Install upper half of Clamp to 3/4" machine bolt and adjust to proper height and direction.
Tighten locking nuts.
2. Align the pipe and install the lower half of the clamp.
3. Tighten the clamp screws to secure the pipe.

Item #	SIZE	LOAD CAPACITY
2540154	4"	112 LBS
2540155	5"	112 LBS
2540156	6"	112 LBS
2540157	7"	112 LBS
2540158	8"	112 LBS
2540159	9"	112 LBS
2540160	10"	112 LBS
2540161	12"	112 LBS
2540162	14"	112 LBS
2540163	16"	270 LBS
2540164	18"	270 LBS
2540165	20"	270 LBS
2540166	22"	270 LBS
2540167	24"	270 LBS



System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	

SPIRAL DUCT CLAMPS



EPDM RUBBER INSULATION

- Average vibration reduction of up to 20 dB through 6 mm cylindrical profile.
- Prevents the occurrence of friction and stiction noises caused by thermal, axial expansion of the pipe.
- Prevents the build-up of forces on the attachment due to the good rolling action of the lining.
- Clip-over edges prevent the lining from slipping out of the clamp.
- Silicone-free
- Complies with the requirements of DIN 4109; average noise reduction of 20 dBA
- Conforms with Manufacturers Standardization Society (MSS) SP-58 and SP-69 (Type 12)
- Has a fire rating DIN EN 13501-1:E
- Has an operating temperature range of -58°F (-50°C) up to $+230^{\circ}\text{F}$ (110°C)

SPECIFICATIONS

HARDNESS	45+ - 5 Shore A
SPECIFIC WEIGHT	1.25 + - 0.02 g/cm ³
ELONGATION AT TEAR	>400%
TENSILE STRENGTH	>5MPa
REBOUND RESILIENCE	>40%
PERM. DEFORM 24 HR=100°C	>30%
VOLUME RESISTANCE	4,2 x 10 ²
SURFACE RESISTANCE	6,2 x 10 ²
AGEING BEHAVIOR	DIN 78078 type 6
OZONE RESISTANCE	resistant
UV-LIGHT FASTNESS	resistant
WEATHERING RESISTANCE	resistant
TEMPERATURE RESISTANCE	-58°F (-50°C) up to $+230^{\circ}\text{F}$ (110°C)

RESISTANT AGAINST diluted acids and alkalids at norm temperature
alcoholic solutions
esters and ketones

LIMITED RESISTANCE AGAINST animal and vegetable fats and oils fats and mineral oils

NOT RESISTANT AGAINST hot oils and fats
fuels
alliphataic and aromatic hydrocarbons

FIRE BEHAVIOR Fire Rating: DClass 2 during fire, drippings will not spread flame.

MISCELLANEOUS Free of nitrosamines and nitrosamine-generating substances, free of halogens,
free of silicone-containing substances.

Suitable for outdoor use.

System No.		Location		Spec Section		Paragraph	
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