

## Redflex P-5 Standard Rubber Pipe (VPR) Redflex B-1 Abrasion Resistant Rubber Pipe (VPR)



- Used to absorb vibration
- Available with arches for special applications
- Bendable to connect offset pipes.
- Made in the U.S.A.

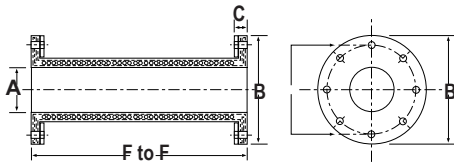
Redflex P-5 Rubber Pipe offers a workable solution to the problem of controlling vibration and reducing noise from pumps, compressors, and other equipment. It minimizes water hammer and reduces electrolysis. It is also available with arches for special applications.

Redflex B-1 Rubber Pipe is an economical, abrasion-resistant replacement for steel and cast iron pipe - either in straight lengths or where a specified radius is required. B-1 Rubber Pipe may be used in conveying ore, corrosive chemicals, sand and other abrasive slurries. B-1 Rubber Pipe is available for working pressures from 25-150 psi (170-1030 kPa).

### Materials of Construction

- **Elastomers:** Natural Rubber (NR), Ethylene Propylene Diene Terpolymer (EPDM)\*, Acrylonitrile-Butadiene (NBR Fluoroelastomer (FKM), Chloroprene (CR)\*, Chlorosulfonated Polyethylene (CSM), Chloro-Isobutylene-Isoprene (CIIR)

\* - White food grade options available.



Redflex Rubber Pipe is available with ASME Class 125 flange drilling and can be used on 30" (762mm)Hg vacuum. Standard construction of Redflex Rubber Pipe is an elastomer tube with fabric reinforcement for maximum temperatures to 180°F (82°C). The pipe is covered with synthetic elastomer to protect against abrasion and aging.

It is necessary to properly anchor rigid metal pipe on both ends to eliminate the danger of excessive elongation of the rubber pipe. If the metal pipeline is not anchored, control units should be used. Rubber pipe can elongate 7% or better under pressure.

Redflex P-5, B-1 Rubber Pipes

DIMENSIONS in/mm							
I.D. A	MINIMUM F-to-F	MAXIMUM F-to-F	FLANGE DIAMETER	FLANGE THICKNESS B	BOLT CIRCLE DIAMETER C	BOLT HOLES	
						DIAMETER	NUMBER
1.5" 40mm	12.00 305	24.00 610	5.00 127	0.69 18	3.88 99	0.63 16	4
2" 50mm	12.00 305	24.00 610	6.00 152	0.69 18	4.75 121	0.75 19	4
3" 80mm	12.00 305	36.00 914	7.50 181	0.84 21	6.00 152	0.75 19	4
4" 100mm	12.00 305	36.00 914	9.00 229	0.84 21	7.50 191	0.75 19	8
5" 125mm	12.00 305	36.00 914	10.00 254	0.94 24	8.50 216	0.88 22	8
6" 150mm	18.00 457	36.00 914	11.00 279	0.97 25	9.50 241	0.88 22	8
8" 200mm	24.00 610	48.00 1219	13.50 343	0.97 25	11.75 298	0.88 22	8
10" 250mm	24.00 610	48.00 1219	16.00 406	1.19 30	14.25 362	1.00 25	12
12" 300mm	24.00 610	48.00 1219	19.00 483	1.1.22 31	17.00 432	1.00 25	12

Minimum Pipe Lengths for Specified Bends

DIMENSIONS in/mm							
PIPE I.D.	MINIMUM RADIUS	PIPE LENGTHS					
		15°	30°	45°	60°	75°	90°
2" 50mm	20.00 508	20.00 508	25.00 635	30.00 762	35.00 889	40.00 1016	46.00 1168
3" 80mm	30.00 762	24.00 610	32.00 813	40.00 1016	48.00 1219	56.00 1422	64.00 1626
4" 100mm	40.00 1016	36.00 914	46.00 1168	57.00 1448	67.00 1702	72.00 1829	88.00 2235
5" 125mm	60.00 1524	41.00 1041	56.00 1422	72.00 1829	88.00 2235	104.00 2642	119.00 3023
6" 150mm	72.00 1829	50.00 1270	69.00 1753	88.00 2235	106.00 2692	125.00 3175	144.00 3658
8" 200mm	96.00 2438	60.00 1524	85.00 2159	110.00 2794	136.00 3454	161.00 4089	186.00 4724
10" 250mm	120.00 3048	70.00 1778	102.00 2691	133.00 3378	165.00 4191	196.00 4978	228.00 5791
12" 300mm	144.00 3658	79.00 2007	116.00 2946	154.00 3912	192.00 4877	230.00 5842	267.00 6782