



# PTH-G, GG

## Vibration Isolating Rubber Hanger

### Description

TOZEN PTH-G vibration isolating rubber hangers are designed to reduce the transmission of vibration and noise produced by suspended equipment, piping and ductwork. PTH-G hangers incorporated with a noise absorbing rubber insert with cast-in load transfer plate at the top and bottom, assembled into a steel box. Ultimate design of PTH-G hanger rubbers allows greater deflection without accelerating deterioration. PTH-G hangers are available in deflection maximum up to 6 mm with capacities from 25 Kgs to 450 Kgs. PTH-G rubber hangers may be selected where first cost must be minimized. MODEL PTH-G is recommended for the isolation of vibration produced by suspended mechanical equipment, axial and exhausts fans, ductwork, piping, etc. Double deflection model PTH-GG adds another rubber element at the top of the hanger box.

### Application

TOZEN PTH-G vibration-isolating hangers are used to isolate suspended sources of audible frequency vibration, or isolation of noise in piping and ductwork systems. Model PTH-G hangers are shipped fully assembled and ready for installation in threaded rod suspended systems. Model PTH-G hangers can be provided with labor saving accessories for adaptation to wire or strap suspension systems.

### Specification

Vibration isolators for suspended equipment, piping and ductwork with maximum static deflection requirements under operation load conditions not exceeding 6 mm shall be hangers consisting of a neoprene or synthetic rubber noise absorbing insert encased in a welded steel box.

The rubber insert shall be moulded from oil resistant compounds with cast in load transfer plate at the top and bottom, shall be color-coded or otherwise identified to indicate load capacity.

Vibration isolating rubber hanger assembly shall be Model PTH-G, as manufactured by Tozen Corporation.

### Dimensions

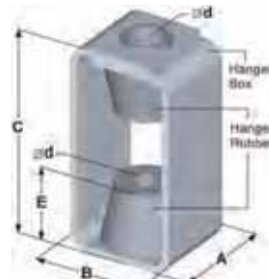
PTH-G-25, 35, 50



PTH-G-80, 120, 150, 200, 300, 450



PTH-GG-25, 35, 50



PTH-GG-80, 120, 150, 200, 300, 450



MODEL	DESIGN LOADING		RUBBER COLOR CODE	MAXIMUM STATIC DEFL.	DURAMETER	A	B	C		d		D	E
	(Kgs)	(Lbs)						PTH-G	PTH-GG	PTH-G	PTH-GG	PTH-G	
PTH-G-25	25	55	WHITE	4	40	36	45	90	115	11	11	11	28
PTH-G-35	35	77	YELLOW		50								
PTH-G-50	50	110	ORANGE		55								
PTH-G-80	80	176	PINK	5	40	60	75	105	140	16	16	15	37
PTH-G-120	120	264	RED		50								
PTH-G-150	150	330	ORANGE		55								
PTH-G-200	200	440	PINK	6	40	85	103	132	195	18	18	18	50
PTH-G-300	300	660	RED		50								
PTH-G-450	450	990	GREEN		55								

NOTE-1: Hanger elements have similar straight line deflection curve.

NOTE-2: Please refer to relevant brochure or consult factory for wire or strap suspension systems.

**Note:** The contents of this catalogue are subject to change without notice.

**Agent : TOZEN Corporation**