

One of the most efficient low-cost methods of reducing sound transmission in wood or steel-framed partition or ceiling assemblies.

- Lab-certified STC-rated up to 61
- Single and double leg channels
- RC Deluxe™ (RCSD) has extra-wide screw surface for easy attachment
- Available in 12' lengths

Dietrich resilient channel is one of the most efficient low-cost methods developed to reduce transmission of airborne sound through partition and ceiling assemblies. The resilient channel dampens sound waves effectively, dissipating the energy and reducing sound transmission by suspending gypsum wallboard 1/2" from the stud or joist. Sound absorption can be maximized by utilizing sound attenuation blankets within the wall or floor cavity.

Resilient channel is manufactured from 25- and 20-gauge corrosion-resistant galvanized steel and is available with single or double legs. The single leg resilient channel is available in regular (RCUR) and deluxe (RCSD) sizes. Dietrich high-performance single leg resilient channel (RCUR) has a 1-1/4" screw flange. The RCUR is commonly used in wall applications. Dietrich™ RC Deluxe™ resilient channel (RCSD) is the preferred resilient channel in many applications because of its extra-wide 1-1/2" screw flange. The extra-wide flange provides added rigidity and a wider surface for faster and easier installation of sheathing materials.

Dietrich double leg resilient channel (RCDN/RCDE) has two legs for rapid installation. Double leg resilient installation is typically used for ceiling applications with multiple layers of gypsum board. Double leg resilient is easier to install, but offers a lower STC rating.



RCUR



RC Deluxe™
RCSD—STC Rating up to 61



Double Leg Resilient
RCDN/RCDE

Resilient Channel (RC-Series™), Walls and Ceilings

DMF Product Code	Thickness				Size		Length		Weight		Packaging	
	Gauge	Mils	Design Thickness		Inches	mm	ft	m	lbs/ft	kg/m	Pcs/Bundle	Pcs/Skid
			Inches	mm								
RCUR	25	18	0.0188	0.478	1-1/4	31.8	12	3.66	0.160	0.236	20	1020
RCUR	20	30	0.0312	0.792	1-1/4	31.8	12	3.66	0.280	0.416	20	500
RCSD	25	21	0.0221	0.561	1-1/2	38.1	12	3.66	0.220	0.328	20	1000
RCDN	25	18	0.0188	0.478	1-1/4	31.8	12	3.66	0.210	0.312	20	1020
RCDE	20	30	0.0312	0.792	1-1/4	31.8	12	3.66	0.400	0.594	20	500