

Molded Rubber Parts



Molded rubber parts have been an integral part of Protective Coatings continuing success. Proco manufactures a broad spectrum of molded rubber parts:

- **Parts Molded with Rubber Only**
- **Parts Molded with Rubber & Fabric**
- **Parts Molded with Rubber Molded to Metal**
- **Parts Molded with Metal Completely Encapsulated in Rubber**
- **Parts Molded with Rubber, Steel & Fabric**

Our expertise is in molding **large** parts. In many instances Proco is able to provide molded rubber parts manufactured in one piece replacing the same part previously made by molding two separate pieces glued together. This one piece molding process maintains the integrity of the part and extends the life of the part.

Platten Press Name	Width	Maximum Length	Opening	Rams		Clamping Force In Tons
				Qty	Dia.	
30 Foot Press	52 In.	30 Ft.	12 In.	20	12 In.	1,630
20 Foot Press	63 In.	20 Ft.	18 In.	20	8 In.	724
15 Foot Press	54 In.	15 Ft.	25 In.	14	9 In.	642
6 by 8 Foot Press	77 In.	98 In.	20 In.	6	9 In.	412
7 Foot Walk-In	33 In.	84 In.	18 In.	2	24 In.	981
Baldwin	56 In.	78 In.	40 In.	1	42½ In.	1,531
31 Inch Press	31 In.	32 In.	23 In.	1	26 In.	382
42 Inch Press	44 In.	42 In.	25 In.	1	20 In.	226

Molding rubber to metal involves the proper preparation of the metal by removing protective oils (SSPC-SP1) so the rubber will adhere to the metal during the molding process. The metal is then grit blasted (SSPC-SP5) or acid etched to create the proper surface for the adhesive layer to be added. The metal is coated with the proper adhesive system to insure the rubber compound (which meets the engineered needs of your part) will properly adhere to the metal when compression molded in one of our presses. Once the part is molded, the excess rubber is trimmed from the part, the metal is cleaned and packaged to your specifications and shipped to you on time.

Some of the products we produce...

- Flexible Couplings
- Seals
- Rubber Expansion Joints
- Belts (Conveyor, Specialty, Tubewinder)
- Gaskets (Flat, Flanged, Ribbed)
- Cushion (Rail Car, Marine)
- Shock Dampers
- Tunnel Gaskets
- Weather Strips (Rail Cars, Busses)
- Chocks (Steel Coil, Loading Dock)
- Bumper/Rub Rails (Marine, Trucking)
- Mats
- Custom Molded & Fabricated Assemblies
- Custom Molded Parts

Materials Used...

- Buna-N (Nitrile)
- EPDM
- NBR (Natural)
- Neoprene
- SBR
- Butyls

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