

RF-PU-BR

Clear Braid Reinforced Polyurethane Hose

RF-PU-BR

ID (IN.)	OD (IN.)	WORKING PSI AT 70°F	BURST PSI AT 70°F	LBS. PER 100 FT.	PART NO. STANDARD	PART NO. INCINERABLE
1/4	.470	250	1000	6.04	RF240072	RF240077
3/8	.630	190	760	9.78	RF240149	RF240154
1/2	3/4	150	600	11.92	RF240226	RF240231
5/8	.905	130	520	16.34	RF240303	RF240308
3/4	1.025	100	400	18.62	RF240380	RF240385
1	1.300	80	320	26.32	RF240457	RF240462
1-1/4	1.710	75	300	51.94	RF240534	RF240539
1-1/2	1.930	50	200	56.26	RF240611	RF240616
2	2-1/2	40	160	85.82	RF240688	RF240693

Standard coil length is 100 ft.

Cut coils available; charges apply — call for details.

Physical Properties*

Hardness, Shore A ±5	85
Tensile Strength, psi	5500
Elongation at Break, %	580
Brittle Temperature, °F	-90
Max. Operating Temperature, °F	201

*Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

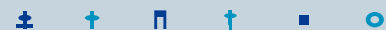
- Metering Pumps
- Robotics
- Computer Disc Drive Equipment
- Insulating Sleeves
- Small Motor fuel Lines
- Vacuum Equipment
- Pressure Measuring Devices
- Oxygen and Gas Lines
- Transfer Lines for Clean Liquids
- Instrumentation
- Pneumatic Control Systems
- Hydraulic Control Systems
- Automotives
- Fluid Circuitry
- Sensing Systems
- Grease & Lubrication Lines
- Fluid Feeds
- Air Tools
- Oil & Fuel Lines
- Cement Slurries
- Petroleum Products Transfer
- Abrasive Powder Transfer
- Agriculture
- And More

- **Open mesh polyester braiding incorporated in wall of flexible, clear, ether-based polyurethane**
- **Greater pressure capability than unreinforced polyurethane tubing**
- **Resistant to weathering, tearing, impact, abrasion, radiation exposure, oils, greases, and fuels**
- **Superior hydrolytic stability**
- **Wide range of temperature resistance: -90°F to 201°F**
- **Contains no plasticizer, which can migrate and cause flow contamination or tube hardening**
- **100% incinerable**
- **Approved by Scientific Ecology Group (S.E.G.) for transfer of contaminated and clean liquids**

Polyurethane combines the best properties of both plastic and rubber. It offers **abrasion and tear resistance, high tensile and elongation values, and low compression set**. Polyurethane is naturally flexible and exhibits virtually unlimited flexural abilities.

RF-PU-BR is supplied in an ether formulation, making it **resistant to attack from moisture and fungus**. Where applications involve repeated flexing, heavy vibration, or abrasion, RF-PU-BR offers **superior service life** over other materials. It also **resists attack from ultra-violet rays**, making it acceptable for outside use. Ester-based RF-PU-BR is available through minimum order (call for details).

Combining good chemical resistance with excellent weathering characteristics sets polyurethane apart from most other thermoplastics. It has **exceptional resistance to most gasolines, oils, kerosene, and other petroleum-based chemicals, making it an ideal choice for fuel lines** (some additives in today's gasoline and petroleum products warrant field testing).



Rubberfab Mold & Gasket • Limecrest Road
P.O. Box 626 • Andover, NJ 07821
phone: 973-579-2959 fax: 973-579-7275

www.rubberfab.com

Rubberfab Mold & Gasket is a member of:

