



NATIONWIDE PLASTICS, INC.

The Authority on Plastics Manufacturing and Distribution



E X C E L O N

MDX Braid®

Platinum Cured Braid Reinforced Medical Grade Silicone Hose



Physical Properties**

Hardness, Shore A ±5 - Core	MDX BRAID	70
Hardness, Shore A ±5 - Cover		60
Tensile Strength, psi		1000
Elongation at Break, %		350
Brittle Temperature, °F		-120
Max. Operating Temp., °F		500

** 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.

- Silicone elastomer meets USP class VI requirements
- Manufactured under Good Manufacturing Practices (GMP) in a controlled environment
- Platinum cured for the highest degree of purity (least extractables)
- Open mesh polyester braiding incorporated within the walls offers increased pressure capabilities
- Non-reactive to body tissues and fluids
- Reusable – will withstand repeated sterilization

MDX BRAID

ID (IN.)	OD (IN.)	WORKING PSI AT 70°F	BURST PSI AT 70°F*	LBS. PER 100 FT.	PART NO.
1/8	.365	175	700	5	300176
3/16	.447	160	650	7	300253
1/4	.520	155	625	9	300330
5/16	.592	145	575	11	300407
3/8	.655	135	550	13	300484
1/2	.800	125	500	17	300561
3/4	1.100	90	350	28	300715
1	1.360	60	225	36	300792

Sold by standard coil length only (25ft.) Product samples are available upon request.
*The burst pressure can be expected to decrease by at least 20% for each 200°F increase up to 350°F.

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- AUTOMOTIVES • AND MORE

The construction of platinum-cured MDX BRAID consists of a core of silicone elastomer, an open polyester braid reinforcing layer, and a covering of silicone elastomer. The braid reinforcement allows for increased pressure usage over unreinforced silicone tubing.

MDX BRAID hose surface properties resist encrustation, and will not support bacteria growth. The hose is pliable and contains no plasticizers.

Radiopaque hose can be supplied with the Barium Sulfate opaquing agent, either fully dispersed throughout the hose, co-extruded as striping on the outer surface, or fully encapsulated within the wall.

If exposed to repeated sterilization or long-term high temperature or pressure, silicone will eventually become gummy and should be replaced.

Note: MDX BRAID is not recommended for implant or in-body uses. Care is recommended in the selection and application of fittings and clamps. Sharp, barbed fittings or unlined metal clamps could tear into the hose wall and cause possible failure.

TUBE SNIP CUTTER Part No: 39000



The Excelon Tube Snip Cutter easily makes clean, smooth cuts and works well with MDX Braid silicone hose.

Also available, Excelon Tube Snip Cutter Replacement Blades (Part No. 38000).



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