



NATIONWIDE PLASTICS, INC.

The Authority on Plastics Manufacturing and Distribution



E X C E L O N

S-Con MDX[®]

Platinum Cured Medical Grade Silicone Tubing



Physical Properties**

	S-CON MDX
Hardness, Shore A ± 5	60
Tensile Strength, psi	1300
Elongation at Break, %	650
Tear Resistance, Die B ppi	200
Brittle Temperature, °F	-100
Max. Operating Temp., °F	400
Comp. Set, 22 hrs. at 350°F, %	30

** 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)
- Reusable – will withstand repeated sterilization
- Non-reactive to body tissues and fluids
- Radiopaque tubing available with minimum runs

S-CON MDX tubing surface properties resist sticking and encrustation, and will not support bacteria growth. The tubing is soft, pliable, and contains no plasticizers which could leach out, causing flow contamination or tube hardening.

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

Peroxide-cured S-CON MDX tubing is supplied in non-sterile, individual, heat-sealed polybags and should be sterilized prior to use.

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

Note: S-CON MDX 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 tubing wall.

S-CON MDX

ID (IN.)	OD (IN.)	WALL (IN.)	STANDARD LENGTH (FT.)	WORKING PSI AT 70°F	BURST PSI AT 70°F	PART NO.
.012	.025	.007	50	8.3	25	120072
.020	.037	.009	50	8.3	25	120149
.025	.047	.011	50	11.7	35	120226
.030	.065	.018	50	15.0	45	120304
.031	.156	.063	50	23.3	70	120380
.058	.077	.010	50	10.0	30	120534
.062	.095	.017	50	13.3	40	120611
.062	.188	.032	50	14.7	44	120688
.062	.125	.063	50	21.7	65	120765
.104	.192	.044	50	14.3	43	120919
.125	.250	.063	50	14.3	43	120996
.187	.312	.063	50	9.7	29	121150
.187	.375	.094	50	14.3	43	121227
.250	.437	.094	50	10.3	31	121381
.312	.500	.094	50	8.3	25	121612
.375	.500	.063	50	4.7	14	121689
.500	.750	.125	25	7.3	22	122074
.625	.875	.125	25	6.0	18	122151

Sold by standard coil length only. Product samples are available upon request.



TUBE SNIP CUTTER
Part No: 39000

The Excelon Tube Snip Cutter easily makes clean, smooth cuts and works well with S-Con MDX silicone tubing.

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



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