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Tubing and Accessories
Polyurethane Tubing (Inch and Metric O.D.)

Tube Diameter OD 1/8", 5/32", 1/4", 5/16", 3/8", 1/2"
Reel Length 100 feet

Metric Tube Diameter OD 4, 6, 8, 10, 12 mm
Reel Length 100 feet

Meets UL-94 HB testing requirements.

Complies with NSF61 standard.

TECHNICAL SPECIFICATIONS - INCH

Material	Polyurethane (Ether Based), PUR 95A
Vacuum rating	to 28" Hg
Operating pressure	From 0 - 230 psi (See Working Pressure Table)
Bursting pressure	690 psi
Hardness	95 Shore A
Tube diameter	1/8", 5/32", 1/4", 5/16", 3/8", 1/2"
Fluid	Compressed air [for other types of fluid please contact our engineers]
Operating temperature	-40°F - 165°F

TECHNICAL SPECIFICATIONS - METRIC

Material	Polyurethane (Ether Based), PUR 95A
Vacuum rating	to 28" Hg
Operating pressure	From 0 - 180 psi (See Working Pressure Table)
Bursting pressure	540 psi
Hardness	95 Shore A
Tube diameter	4, 6, 8, 10, 12 mm
Fluid	Compressed air [for other types of fluid please contact our engineers]
Operating temperature	-40°F - 165°F

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TUBE CODING

1422 - 04 -BL

TYPE
1422 = Polyurethane (95A)

TUBE DIAMETER OD
02 = 1/8"
04 = 1/4"
05 = 5/16"
06 = 3/8"
08 = 1/2"
53 = 5/32"
4mm = 4mm
6mm = 6mm
8mm = 8mm
10mm = 10mm
12mm = 12mm

THREADS

COLOR
BL = Blue
BK = Black
NT = Natural
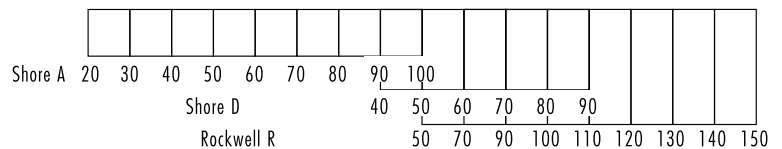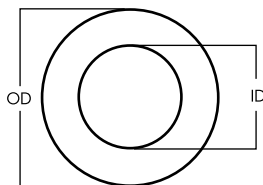OR = Orange
YL = Yellow
RD = Red
GR = Green

WORKING PRESSURE

INCH

OD/ID (IN)	Tolerances for OD (IN)	Minimum Bend Radius (IN)	Working Pressure (PSI)			
			@75°F	@100°F	@125°F	@150°F
1/8 x .066	±.005	1/4	233	172	140	116
5/32 x 3/32	±.005	3/8	176	130	106	88
1/4 x .160	±.005	1/2	148	110	89	74
5/16 x .216	±.005	3/4	150	111	90	75
3/8 x .245	±.005	7/8	147	109	88	74
1/2 x .320	±.005	1 1/8	140	104	84	70

METRIC

OD/ID (MM)	Tolerances for OD (MM)	Minimum Bend Radius (IN)	Working Pressure (PSI)			
			@75°F	@100°F	@125°F	@150°F
4 x 2.4	±.127	3/8	176	130	106	88
6 x 4	±.127	1/2	145	107	87	73
8 x 5	±.127	3/4	155	115	93	78
10 x 6.5	±.127	7/8	149	110	89	75
12 x 8	±.127	1 1/8	133	133	80	67

OD   ID

HARDNESS COMPARISON

Shore A   20   30   40   50   60   70   80   90   100
Shore D   40   50   60   70   80   90
Rockwell R   50   70   90   100   110   120   130   140   150

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TUBING & ACCESSORIES

Polyurethane Tubing

DIMENSIONS — INCH				DIMENSIONS — METRIC			
Mod.	**OD**	**ID**	**Reel Length Feet**	**Mod.**	**OD**	**ID**	**Reel Length Feet**
1422-02	1/8	.066	100	**1422-4mm**	4	2.4	100
1422-04	1/4	.160	100	**1422-6mm**	6	4	100
1422-05	5/16	.216	100	**1422-8mm**	8	5	100
1422-06	3/8	.245	100	**1422-10mm**	10	6.5	100
1422-08	1/2	.320	100	**1422-12mm**	12	8	100
1422-53	5/32	3/32	100				

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