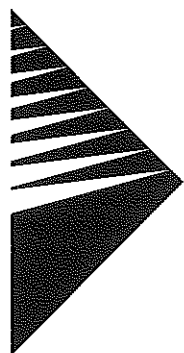


NON-HEAT SHRINKABLE



GRAYLINE I N C

7444-1

Polyvinyl Chloride (PVC)

Features

- Operating Temperature is -68°C to 60°C*
- Fungus Resistant*
- Extremely Low Temperature Flexibility*
- Lead Free*
- Highly Flame Retardant*

Specifications

- SAE-AMS-I-7444-D*
- MIL-I-7444-D*
- Type I & III, Class I & II*
- EU Directive 2000/53/EC (ELV)*
- EU Directive 2002/95/EC (ROHS)*
- EU Directive 2003/11/EC*
- FMVSS302*

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Shore A (15 seconds)	71	ASTM D2240
Specific Gravity +/- .02	1.18	ASTM D792
Tensile Strength (psi)	2,100	ASTM D412
Elongation (%)	400	ASTM D412
Flammability (Sec.)	4	MIL-I-7444D
Brittleness Temperature, Pass °C	-68	ASTM D746
Heat Aging (As a percent of unaged specimen)		
Tensile Strength (%)	100	MIL-I-7444D
Elongation (%)	95	
Dielectric Strength (Volts/Mil)	500	ASTM D149

The values listed in this bulletin are accurate, to the best of our knowledge. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.

Ordering Information

Standard Packaging:

Standard Color:

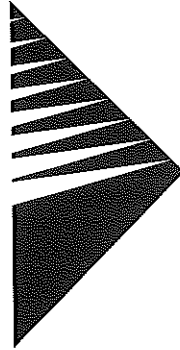
Special Colors & Sizes:

Reels or Cut to Customer Specifications

Black and Clear

Available Upon Request

NON-HEAT SHRINKABLE



GRAYLINE I N C

Dimensional Tolerances: ASTM Sizes

Flexible PVC

ASTM SIZE	INSIDE DIAMETER NOMINAL		INSIDE DIAMETER MIN.		INSIDE DIAMETER MAX.		WALL THICKNESS (in inches)			STANDARD PACKAGING (on reels)	
	Inch	mm	Inch	mm	Inch	mm	Standard Wall	1/32 Wall	+/-	Standard Wall	1/32 Wall
24	.022	.559	.020	.508	.027	.686	.012	—	.002	5000'	—
22	.027	.686	.025	.635	.032	.813	.012	—	.002	5000'	—
20	.034	.864	.032	.813	.039	.991	.016	—	.003	5000'	—
19	.038	.965	.036	.914	.044	1.118	.016	—	.003	5000'	—
18	.042	1.067	.040	1.016	.049	1.245	.016	.031	.003	5000'	2500'
17	.047	1.194	.045	1.143	.054	1.372	.016	.031	.003	5000'	2500'
16	.053	1.346	.051	1.295	.061	1.549	.016	.031	.003	5000'	2500'
15	.059	1.499	.057	1.448	.067	1.702	.016	.031	.003	5000'	2500'
14	.066	1.676	.064	1.626	.074	1.880	.016	.031	.003	2500'	2500'
13	.076	1.930	.072	1.829	.080	2.032	.016	.031	.003	2500'	2500'
12	.085	2.159	.081	2.057	.091	2.311	.016	.031	.003	2500'	2500'
11	.095	2.413	.091	2.311	.101	2.565	.016	.031	.003	2500'	2000'
10	.106	2.692	.102	2.591	.112	2.845	.016	.031	.003	2500'	2000'
9	.118	2.997	.114	2.896	.124	3.150	.020	.031	.003	2500'	2000'
1/8"	.125	3.175	.125	3.175	.136	3.454	.020	.031	.003	2500'	1500'
8	.133	3.378	.129	3.277	.141	3.581	.020	.031	.003	2500'	1500'
7	.148	3.759	.144	3.658	.158	4.013	.020	.031	.003	2500'	1500'
6	.166	4.216	.162	4.115	.178	4.521	.020	.031	.003	2000'	1500'
5	.186	4.724	.182	4.623	.198	5.029	.020	.031	.003	1750'	1500'
4	.208	5.283	.204	5.182	.224	5.690	.020	.031	.003	1500'	1250'
3	.234	5.944	.229	5.817	.249	6.325	.020	.031	.003	1250'	1250'
1/4"	.250	6.350	.250	6.350	.270	6.858	.020	.031	.003	1000'	1000'
2	.263	6.680	.258	6.553	.278	7.061	.020	.031	.003	1000'	1000'
1	.294	7.468	.289	7.341	.311	7.899	.020	.031	.003	750'	750'
0	.330	8.382	.325	8.255	.347	8.814	.020	.031	.003	750'	750'
5/16"	.312	7.925	.312	7.925	.334	8.484	.025	.031	.003	750'	750'
3/8"	.375	9.525	.375	9.525	.399	10.135	.025	.031	.003	625'	625'
7/16"	.438	11.125	.438	11.125	.462	11.735	.025	.031	.003	500'	500'
1/2"	.500	12.700	.500	12.700	.524	13.310	.025	.031	.003	400'	400'
9/16"	.562	14.275	.562	14.275	.585	14.859	.031	—	.003	375'	—
5/8"	.625	15.875	.625	15.875	.655	16.637	.031	—	.003	300'	—
3/4"	.750	19.050	.750	19.050	.786	19.964	.035	—	.005	250'	—
7/8"	.875	22.225	.875	22.225	.911	23.139	.035	—	.005	200"	—
1"	1.000	25.400	1.000	25.400	1.036	26.314	.035	—	.005	200'	—
1-1/8"	1.125	28.575	1.125	28.575	1.163	29.540	.040	—	.005	150'	—
1-1/4"	1.250	31.750	1.250	31.750	1.290	32.766	.040	—	.005	100'	—
1-3/8"	1.375	34.925	1.375	34.925	1.420	36.068	.040	—	.005	100'	—
1-1/2"	1.500	38.100	1.500	38.100	1.550	39.370	.045	—	.006	100'	—

Non-ASTM diameters and wall thicknesses available upon request.

Rev. 4/21/03