

Performance Data – Ben-Har™ 1258-1

Property	Result
Hardness, durometer A: ASTM D-2240 (shore A)	70 +/- 5
Tensile strength: ASTM D-412	1000 psi minimum
Elongation: ASTM D-412	150% minimum
Tear resistance: ASTM D624 (die B)	90 psi
Radiation Resistance : up to 10 megarads dosage	No Effect
Dielectric constant: ASTM D-150 (100 Hz)	3.16
Dielectric constant: ASTM D-150 (1000 kHz)	2.97
Dielectric strength: ASTM D-350 short term	13,500V

Product Specifications

NEMA Size	Nominal Diameter (inches)	Nominal Diameter (mm)	Bentley-Harris Part Number	Maximum Diameter (inches)	Minimum Diameter (inches)
24	0.022	0.56	34007924XX	0.027	0.020
22	0.027	0.69	34007922XX	0.032	0.025
20	0.034	0.86	34007920XX	0.039	0.032
18	0.042	1.07	34007918XX	0.049	0.040
16	0.053	1.35	34007916XX	0.061	0.051
14	0.066	1.68	34007914XX	0.072	0.064
12	0.085	2.16	34007912XX	0.089	0.081
10	0.106	2.69	34007910XX	0.112	0.102
9	0.118	3.00	34007909XX	0.124	0.114
8	0.133	3.38	34007908XX	0.141	0.129
7	0.148	3.76	34007907XX	0.158	0.144
6	0.166	4.22	34007906XX	0.178	0.162
5	0.186	4.72	34007905XX	0.198	0.182
4	0.208	5.28	34007904XX	0.224	0.204
3	0.234	5.94	34007903XX	0.249	0.229
2	0.263	6.68	34007902XX	0.278	0.258
1	0.294	7.47	34007901XX	0.311	0.289
0	0.330	8.38	34007900XX	0.347	0.325
3/8"	0.375	9.52	34007010XX	0.399	0.375
7/16"	0.438	11.12	34007011XX	0.462	0.438
1/2"	0.500	12.70	34007013XX	0.524	0.500
5/8"	0.625	15.87	34007016XX	0.655	.0625
3/4"	0.750	19.05	34007019XX	0.786	0.750
7/8"	0.875	22.22	34007022XX	0.911	0.875
1"	1.000	25.40	34007025XX	1.036	1.000

XX = Color Code

02 = White 03 = Black

13 = Transparent

°C	°F
538	1000
527	980
516	960
504	940
493	920
482	900
471	880
460	860
449	840
438	820
427	800
416	780
404	760
393	740
382	720
371	700
360	680
349	660
338	640
327	620
316	600
304	580
293	560
282	540
271	520
260	500
249	480
238	460
227	440
216	420
204	400
193	380
182	360
171	340
160	320
149	300
138	280
127	260
116	240
104	220
99	210
88	190
77	170
66	150
54	130
43	110
38	100
35	95
30	86
25	77
20	68
15	59
10	50
5	41
0	32
-5	23
-10	14
-15	5
-18	0
-20	-4
-40	-40
-60	-76
-70	-94