

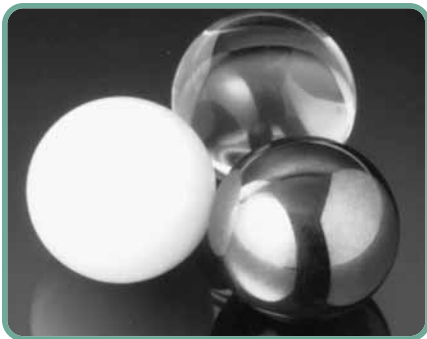


# BALLS





# Precision Ground Solid Balls



## NYLON or DELRIN (ACETAL)

DIAMETER TOLERANCE  $\pm .002$

These sink in water. Very strong.

## POLYPROPYLENE and POLYETHYLENE

DIAMETER TOLERANCE  $\pm .002$

Both float in water. Very light. Polyethylene is available in both low-density (suffix LDPE) and high-density (suffix HDPE).

## TEFLON

DIAMETER TOLERANCE  $\pm .002$

These sink but don't absorb water. Very heat and chemical resistant.

## ACRYLIC

DIAMETER TOLERANCE  $\pm .010$

Crystal clear, highly polished. Invisible in water and they sink. Very pretty.

Crystal cabochons (half-balls) available 1/4" to 3".

## TUNGSTEN CARBIDE

DIAMETER TOLERANCE  $\pm .0001$

Very hard. Heavy metal group. Standard sizes range from .031" through 1.000" and from 1mm through 5mm (not shown in chart below—please ask). Custom-made decimal sizes available.

### Part No.

| Nylon    | Delrin   | Teflon    | Polypropylene | Polyethylene (specify) | Acrylic   | Diameter |
|----------|----------|-----------|---------------|------------------------|-----------|----------|
| .125 NY  | .125 DL  | .125 TEF  | .125 PP       | .125 LDPE or HDPE      | —         | 1/8      |
| .156 NY  | .156 DL  | .156 TEF  | .156 PP       | .156 LDPE or HDPE      | —         | 5/32     |
| .187 NY  | .187 DL  | .187 TEF  | .187 PP       | .187 LDPE or HDPE      | —         | 3/16     |
| .250 NY  | .250 DL  | .250 TEF  | .250 PP       | .250 LDPE or HDPE      | .250 ACR  | 1/4      |
| .312 NY  | .312 DL  | .312 TEF  | .312 PP       | .312 LDPE or HDPE      | —         | 5/16     |
| .375 NY  | .375 DL  | .375 TEF  | .375 PP       | .375 LDPE or HDPE      | .375 ACR  | 3/8      |
| .500 NY  | .500 DL  | .500 TEF  | .500 PP       | .500 LDPE or HDPE      | .500 ACR  | 1/2      |
| .562 NY  | .562 DL  | —         | —             | —                      | —         | 9/16     |
| .625 NY  | .625 DL  | .625 TEF  | .625 PP       | .625 LDPE or HDPE      | .625 ACR  | 5/8      |
| .750 NY  | .750 DL  | .750 TEF  | .750 PP       | .750 LDPE or HDPE      | —         | 3/4      |
| .875 NY  | .875 DL  | —         | —             | —                      | —         | 7/8      |
| 1.000 NY | 1.000 DL | 1.000 TEF | 1.000 PP      | 1.000 LDPE or HDPE     | 1.000 ACR | 1        |

### Minimum order 1000.

Quantities under 1000: Prices on request.

**Nylon, Delrin:** Other sizes from 1/16" (.062) to 4" available.

**Acrylic:** Other sizes from 1/16" (.062) to 4" available. Also available in transparent and opaque colours.

**Polypropylene, Teflon:** Other sizes to 3" available.

**Polyethylene:** Other sizes to 3" available in LDPE and HDPE.



# Energy Saving Hollow Balls



**Save money, conserve energy, reduce air and noise pollution.**

They're not only environmentally sound, they pay for themselves up to 6 times over per year. They just pour onto the surface, covering 91% in a single layer. Balls move out of the way for dipping and float back into position automatically. One layer reduces heat loss by 75% and evaporation by 87%; with two layers, reduction is 81% and 90% respectively.

Hollow ball blankets are successfully used in many applications: anodizing, food processing, metal processing and finishing, sewage treatment, gas scrubbing, temperature retardation and more.



**Selection:** Heavy balls are best for use where wind, etc. is a factor. Choose an appropriate size so balls won't fall through screens or mesh.

**Materials:**

**Polypropylene:** PP 10 through 150 sizes are stocked in this material.

Suitable for most applications and for temperatures up to 230°F.

**HDPE and HDPE Black UV:** The 38 through 150 mm sizes are available in these materials at the same prices as polypropylene. Best for outdoor use and for extreme cold. Good for temperatures up to 160°F.

**LDPE:** These softer material Playpen Balls (LPE 73) are ideal for children's "ball pools". Available in red, orange, yellow, green, blue and purple. **Please specify colour when ordering.**

| Part No.<br>(Dia. mm) | Dia. Inches<br>(approx.) | Ball Weight<br>(grams) | Standard<br>Package | Needed<br>per sq. ft. |
|-----------------------|--------------------------|------------------------|---------------------|-----------------------|
| PP 10                 | 3/8                      | .2                     | 1000                | 1076                  |
| PP 20                 | 3/4                      | 1.0                    | 2000                | 270                   |
| PP 25*                | 1                        | 1.5                    | 1000                | 172                   |
| PP 38                 | 1-1/2                    | 4.5                    | 1000                | 74                    |
| PP 45                 | 1-3/4                    | 7.0                    | 1000                | 53                    |
| PP 50                 | 2                        | 8.0                    | 1000                | 43                    |
| PP 70                 | 2-3/4                    | 16.0                   | 500                 | 22                    |
| HPE 100 BL**          | 4                        | 30.0                   | 250                 | 10                    |
| PP 150                | 6                        | 90.0                   | 50                  | 4.8                   |
| LPE 73                | 3.15                     | 13.3                   | 500                 | 21                    |

**Sold in package quantities.**

\*This size also available in PVDF.

\*\*This size only available in Black HDPE.

# NOTES

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