



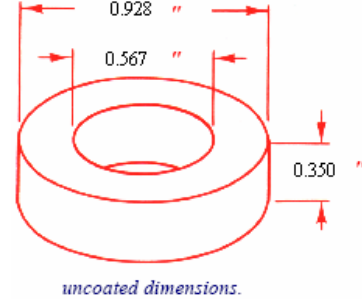
# Sailcrest Magnetics Material Group.

## Core Data Sheet

**Part Number: G41-79**

**Core Dimensions:**

|                             |              |
|-----------------------------|--------------|
| Before coating(tol.+/-0.25) | Aftercoating |
| OD(mm) 23.60                | (max)24.50   |
| ID(mm) 14.40                | (min)13.57   |
| HD(mm) 8.89                 | (max)9.90    |



**Physical Characteristics:**

|                                |   |                                |       |
|--------------------------------|---|--------------------------------|-------|
| Winding area(cm <sup>2</sup> ) | 1.53  | Surface area(cm <sup>2</sup> ) | 16.07 |
| Probably Weight(g)             | 14.00   |                                |       |
| Coating                        | Epoxy.dark black,0.2mm approx .per surface.Voltage breakdown 500Vac |                                |       |
| Packing                        | Not available   |                                |       |

**Material:**

|                          |              |
|--------------------------|--------------|
| Grade                    | 79           |
| Initial Permeability(ui) | 90           |
| AL(nH)                   | 76+/-8%      |
| Description              | SENDUST CORE |

**Eletrical Data:**

|             |       |
|-------------|-------|
| AL norm(nH) | 76.00 |
| AL max(nH)  | 82.08 |
| AL min(nH)  | 69.92 |

**Magnetic Dimensions:**

|                                    |        |
|------------------------------------|--------|
| C <sub>l</sub> (cm <sup>-1</sup> ) | 15.154 |
| Le(cm)                             | 5.880  |
| Ae(cm <sup>2</sup> )               | 0.388  |
| Ve(cm <sup>3</sup> )               | 2.280  |

**Special Comments**

- 1.
- 2.
- 3.

Note:the right to change specification as required without notice is reserved

