

VALVE CONSTRUCTION - MATERIAL OPTIONS

The "SRS" series butterfly valve range is available in a wide variety of possible material options for optimum performance in any process application.

Detailed below are the more common materials for body, disc, stem and seat ring that are readily available from the manufacturer.

VALVE BODY CONSTRUCTION

- * Cast Iron - ASTM-A48, BS 1452-220
- * Ductile Iron - ASTM-A536 Gr.65, BS2789-420/12
- * Cast Carbon Steel - A216-WCB, BS1504-161 Gr. A, B
- * Stainless Steels - ASTM A351-CF8 (304ss), A351-CF8M (316ss)
- * Aluminium Bronze - ASTM B148 CL.9D, BS1400-AB2
- * Aluminium - ASTM B275. (Quantity Dependant)

BODY COATING

As standard all valves are supplied with a fusion bonded epoxy coating to a finished thickness of between 50-70 microns to resist adverse environments.

Valves can be supplied in either the primed only condition for site applied coating or with any special system to customer/project requirements.

STEM MATERIALS

- * Stainless Steels - ASTM A479 Type 304, ASTM A276 - Type 316, 17/4 Ph.
- * K-Monel - ASTM B164
- * Hastelloy and other materials - available on request.

DISC MATERIALS

- * Ductile Iron with Nickel Plating - ASTM A536 Gr. 65 With Plating
- * Ductile Iron with Nylon Coating (Quantity Dependant)
- * Stainless Steel - ASTM A351 - CF8 (304ss), ASTM A351 - CF8M (316ss)
- * Aluminium Bronze - ASTM B275

SEAT RING/LINER

- * EPDM or White EPDM (carbon free)
- * Black Butyl or White Butyl (carbon free)
- * Viton -
- * Silicone
- * Neoprene

STEM PACKING RING

- * NBR (standard) or Viton

STEM BEARING

- * Delrin or Bronze

