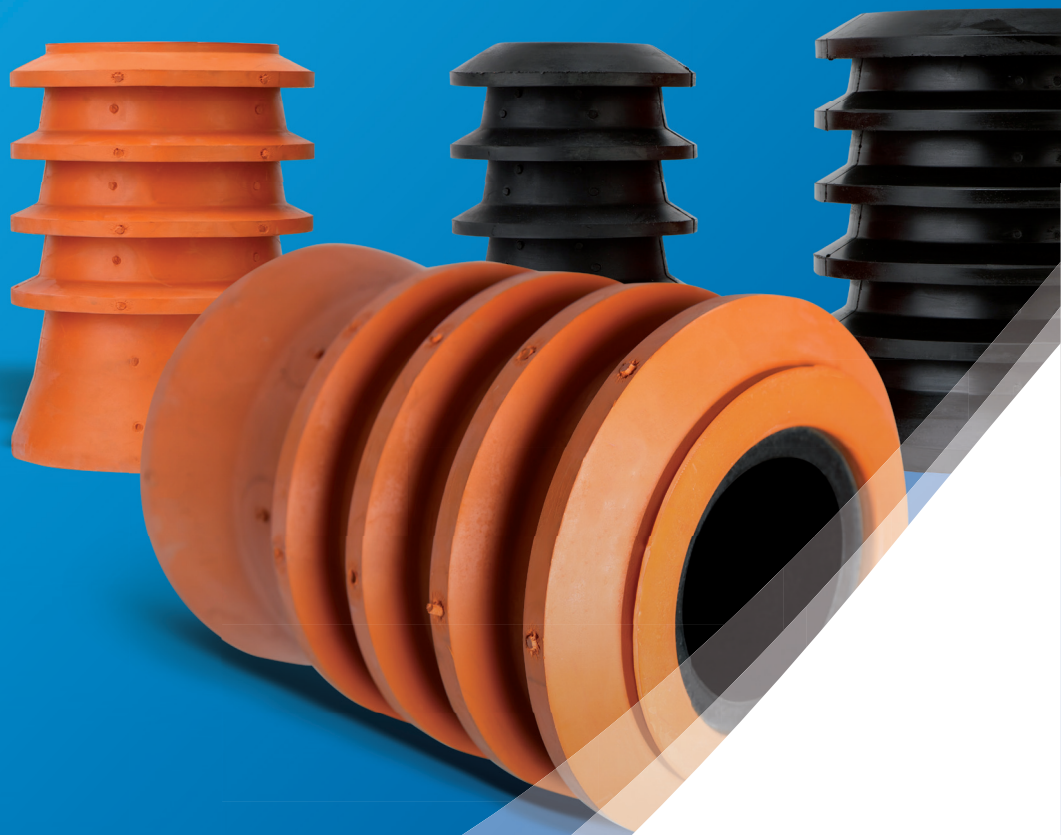




# CEMENT PLUGS

FREUDENBERG  
OIL & GAS TECHNOLOGIES

 **FREUDENBERG**  
INNOVATING TOGETHER

# CEMENT PLUGS

Freudenberg Oil & Gas Technologies is an industry leading manufacturer and provider of cement plugs to the global drilling and well completions sector. We offer our plugs in a variety of elastomer materials designed for all wellbore conditions including high pressure/high temperature or chemically aggressive environments.

Our elastomer materials include:

- **natural rubber**
- **nitrile compounds (NBR)**
- **HNBR**
- **FKM**

All materials can be combined with easy drill-able phenolic cores or engineered to incorporate aluminum, wood or other specialty materials. Standard, in-stock sizes range from 2 3/8" to 13 3/8".

| SIZE   |          | TYPE        | COLOR  | PART NUMBER | ELASTOMER      | CORE                                      |
|--------|----------|-------------|--------|-------------|----------------|-------------------------------------------|
| in     | mm       |             |        |             |                |                                           |
| 2-3/8" | 60.3 mm  | Tubing Plug | Black  | 10020845-91 | Natural Rubber | Solid Rubber                              |
| 2-7/8" | 73 mm    | Tubing Plug | Black  | 10034544-91 | Natural Rubber | Solid Rubber                              |
|        |          | Tubing Plug | Black  | 10031983-91 | Nitrile Rubber | Solid Rubber                              |
|        |          | Tubing Plug | Black  | 10031869-91 | Natural Rubber | Solid Rubber                              |
|        |          | Tubing Plug | Black  | 10031871-91 | Nitrile Rubber | Solid Rubber                              |
| 3-1/2" | 88.9 mm  | Tubing Plug | Black  | 10020846-91 | Natural Rubber | Solid Rubber                              |
|        |          | Tubing Plug | Black  | 10031874-91 | Nitrile Rubber | Solid Rubber                              |
|        |          | Tubing Plug | Orange | 10031872-91 | Natural Rubber | Aluminium                                 |
| 4-1/2" | 114.3 mm | Top Plug    | Black  | 10031924-91 | Natural Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10013691-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10031920-91 | Natural Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10013690-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10034186-91 | Natural Rubber | Solid Rubber w/ 5/8" Threaded Alum Button |
|        |          | Top Plug    | Black  | 10034186-91 | Natural Rubber | Solid Rubber w/ 3/4" Threaded Alum Button |
|        |          | Top Plug    | Black  | 10034184-91 | Natural Rubber | Solid Rubber w/ 7/8" Threaded Alum Button |
|        |          | Wood Plug   | Black  | 10031881-91 | Natural Rubber | Spruce Wood                               |
| 5"     | 127 mm   | Top Plug    | Black  | 10031930-91 | Natural Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10013693-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10031928-91 | Natural Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10031929-91 | Nitrile Rubber | Phenolic                                  |
| 5-1/2" | 139.7 mm | Top Plug    | Black  | 10031935-91 | Natural Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10013695-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10031932-91 | Natural Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10013694-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10031883-91 | Natural Rubber | Solid Rubber w/ 5/8" Threaded Alum Button |
|        |          | Top Plug    | Black  | 10031882-91 | Natural Rubber | Solid Rubber w/ 3/4" Threaded Alum Button |
|        |          | Top Plug    | Black  | 10031885-91 | Natural Rubber | Solid Rubber w/ 7/8" Threaded Alum Button |
|        |          | Wood Plug   | Black  | 10031888-91 | Natural Rubber | Spruce Wood                               |
| 6-5/8" | 168.2 mm | Top Plug    | Black  | 10031940-91 | Natural Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10031941-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10031938-91 | Natural Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10031939-91 | Nitrile Rubber | Phenolic                                  |
| 7"     | 177.8 mm | Top Plug    | Black  | 10031946-91 | Natural Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10013697-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10031942-91 | Natural Rubber | Phenolic                                  |
|        |          | Bottom Plug | Orange | 10013696-91 | Nitrile Rubber | Phenolic                                  |
|        |          | Top Plug    | Black  | 10031890-91 | Natural Rubber | Solid Rubber w/ 5/8" Threaded Alum Button |
|        |          | Top Plug    | Black  | 10031891-91 | Natural Rubber | Solid Rubber w/ 7/8" Threaded Alum Button |
|        |          | Wood Plug   | Black  | 10031892-91 | Natural Rubber | Spruce Wood                               |