



# 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		

# CEMENT PLUGS

SIZE		TYPE	COLOR	PART NUMBER	ELASTOMER	CORE
in	mm					
7-5/8"	193.9 mm	Top Plug	Black	10031955-91	Natural Rubber	Phenolic
		Top Plug	Black	10013699-91	Nitrile Rubber	Phenolic
		Bottom Plug	Orange	10031951-91	Natural Rubber	Phenolic
		Bottom Plug	Orange	10031953-91	Nitrile Rubber	Phenolic
8-5/8"	219 mm	Top Plug	Black	10031960-91	Natural Rubber	Phenolic
		Top Plug	Black	10031961-91	Nitrile Rubber	Phenolic
		Bottom Plug	Orange	10031958-91	Natural Rubber	Phenolic
		Bottom Plug	Orange	10031959-91	Nitrile Rubber	Phenolic
		Wood Plug	Black	10031893-91	Natural Rubber	Spruce Wood
9-5/8"	244.5 mm	Top Plug	Black	10031966-91	Natural Rubber	Phenolic
		Top Plug	Black	10013702-91	Nitrile Rubber	Phenolic
		Bottom Plug	Orange	10031962-91	Natural Rubber	Phenolic
		Bottom Plug	Orange	10031964-91	Nitrile Rubber	Phenolic
		Wood Plug	Black	10031894-91	Natural Rubber	Spruce Wood
10-3/4"	273 mm	Top Plug	Black	10031973-91	Natural Rubber	Phenolic
		Top Plug	Black	10013704-91	Nitrile Rubber	Phenolic
		Bottom Plug	Orange	10031970-91	Natural Rubber	Phenolic
		Bottom Plug	Orange	10031972-91	Nitrile Rubber	Phenolic
		Wood Plug	Black	10031895-91	Natural Rubber	Spruce Wood
11-3/4"	298.4 mm	Top Plug	Black	10031977-91	Urethane	Urethane
		Bottom Plug	Orange	10031976-91	Urethane	Urethane
		Wood Plug	Black	10031896-91	Natural Rubber	Spruce Wood
13-3/8"	339.7 mm	Top Plug	Black	10031899-91	Natural Rubber	Phenolic
		Top Plug	Black	10044915-91	Nitrile Rubber	Phenolic
		Bottom Plug	Orange	10001252-91	Natural Rubber	Phenolic
		Bottom Plug	Orange	10044916-91	Nitrile Rubber	Phenolic
		Wood Plug	Black	10031901-91	Natural Rubber	Spruce Wood
		Wood Plug	Black	10031905-91	Natural Rubber	Spruce Wood

## Dimensional Data

PLUG SIZE	TOP		BOTTOM	
	H (in)	OD (in)	H (in)	OD (in)
2-3/8"	4.84	2.12	4.84	2.12
2-7/8"	5.00	2.72	5.00	2.72
3-1/2"	5.00	3.24	5.00	3.24
4-1/2"	7.87	4.27	7.87	4.27
5-1/2"	8.87	4.68	8.87	4.68
6-5/8"	9.10	6.35	9.10	6.35
7"	9.04	6.74	9.04	6.74
8-5/8"	9.67	8.36	9.67	8.36
9-5/8"	10.85	9.33	10.85	9.33
13-3/8"	13.27	13.05	12.80	13.03

Note: all sizes follow Imperial standard

