



# CTP O-Ring Kits

## Suitcase Style O-Ring Kits -

All CTP O-Ring Kits come in special protective suitcases, containing the most popular ring sizes.

Viton O-Rings have higher temperature resistance than regular O-Rings. CTPSN75 contains Nitrile 75 Hardness, substantially improving the lifetime of the component. CTP O-Rings can be use in any industrial application from automotive to heavy equipment. For more information about the differences between O-Rings, please look at the reference chart on the back of the page.

Picture	Part No.	Material	Description
	CTPSN75	Nitrile O-Ring	30 Sizes / 381 Pieces
	CTPMN70	Nitrile 70 O-Ring	30 Sizes / 440 Pieces
	CTP0257	Vitron O-Ring	54 Sizes / 223 Pieces
	CTP0157	Silicone O-Ring	54 Sizes / 223 Pieces
	CTP0057	Nitrile 75 O-Ring	54 Sizes / 223 Pieces

Picture	Part No.	Material	Description
	4C8253	Silicone 70 O-Ring	32 Sizes / 149 Pieces
	4C4784	Nitrile 90 O-Ring	9 Sizes / 80 Pieces
	4C4782	Nitrile 90 O-Ring	32 Sizes / 580 Pieces
	9S3135	Nitrile 90 O-Ring	6 Sizes / 60 Pieces

\* Other part no. not included in the list are available. Please contact your sales representative if you have any questions. Part Numbers are used for reference purposes only



## Most common Materials for Rubber O-Rings

### SYMBOL & PERFORMANCE REFERENCE TABLE

Symbol	Material and Trading Name	Temperature Resistance (in working period & measurement in Celcius)	Resistance to:	Attacked by:
EPDM	E.P. (Ethylene Propylene)	-55~ + 150	- Water - Steam - Break Fluids - Alcohol	- Mineral Oil - Solvents - Aromatic Hydrocarbons
NBR	Nitrile (NBR)	-40~ + 120	- Silicone Oils and greases - Water - Hydraulic fluids - Chemicals	- Ozone - Ketones - Phosphate ester - Hydraulic Fluids - Stron Acids
HNBR	Hydrogenated Nitrile Rubber	-40~ + 125	Similar to NBR but with improved chemical resistance and higher temperature. Mostly use in Automotive and Oil applications	Similar to NBR
CR	Neoprene® / Chloroprene	-40~ + 120	- Oxygen - Ozone - UV light - Oils	- Hydrocarbons (aromatic, chlorinated, nitro) - Ketones - Esters - Strong oxidizing acids
ACR	Acrylic	0~ + 150	- Automatic transmission fluid - Hot oils - Ozone - Fats	- Alcohol - Water - Alkalis - Brake fluids - Glycols
URE	Urethane	-55~ + 80	- Oxygen - Ozone - Fuel - Oils	- Ketones - Acids - Esters - Hydrocartons
SIL	Silicone	-55~ + 250	- Oxygen - Ozone - UV light - Oxidizing chemicals	- Oils - Ketones - Concentrated acids - Water
FKM	Fuorocarbon / Viton®	-18~ + 200	- Fuels and Oils - Hydraulic Fluids - Solvents - Oxidative Environments	- Ammonia - Strong Caustic - Certain Polar Solvents