

Materials inflatable cuffs



Material	EPDM	NR (elektrisch leitfähig)	NR (FDA-konform)	CR
Hardness range (Shore A)	55° +/-5°	50° +/-5°	60° +/-5°	60° +/-5°
Farbe	schwarz	schwarz	hell	schwarz
Operating temperature (°C)	-40° to +120°C	-40° to +80°C	-40° to +80°C	-40° to +100°C
Mechanical strength	good	very good	very good	good
Tear resistance	sufficient	very good	very good	good
Abrasion resistance	satisfactory	very good	very good	good
Weathering / Ozone resistance	very good	sufficient	sufficient	good
Oil resistance	unsuitable	unsuitable	unsuitable	good
Acid / Base resistance	very good/ good	satisfactory	satisfactory	satisfactory/good
Charecteristic property	very well suited for use in chemical plants and outdoors, FDA-compliant or electrically conductive possible	very good mechanical properties, electrically conductive electrical resistance < 10 ⁶ Ohm	very good mechanical properties, suitable for food FDA compliant	good material that combines many properties, oil and petrol resistant