



RS PRO EPDM cord, 70 ShA

EP / Ethylene Propylene Diene Monomer

EPDM rubber cord has an excellent resistance to weathering and ozone, water and steam, with good performance in castor and some phosphate ester-based fluids. It's low and high temperature capability is good, having excellent resistance to set.

Colour: Black

Operating temperature range: -30°C to 150°C



Please see page 3 onwards for sizes.

Physical Property	Test Method	Units	Typical Values
Hardness	ASTM D 2240	ShA	71
Tensile Strength	ASTM D 412	MPa	10.5
Elongation	ASTM D 412	%	255
Specific Gravity	ASTM D 297	g/cm ³	1.19 ±0.03
Compression Set 22h / 200°C	ASTM D 395 B	%	38
Tear Resistance	ASTM D 624 C	N/mm	49
Low Temperature Resistance	ASTM D 2137 – TR10	°C	-40

Aging Property	Test Method	Time (h)	Temperature (°C)	Hardness	Tensile Strength (%)	Ultimate Elongation (%)	Volume (%)
Air	ASTM D 573	70	125	4	-14	-24	-
Water	ASTM D 471	70	100	-	-	-	2

Chemical resistance:

- Hot water and steam up to 149°C with special compounds up to 260°C
- Glycol based brake fluids (Dot 3 & 4) and silicone-based brake fluids (Dot 5) up to 149°C
- Many organic and inorganic acids and alkalis
- Phosphate-ester based hydraulic fluids (HFD-R)
- Silicone oil and grease
- Many polar solvents (alcohols, ketones, esters)
- Ozone, aging and weather resistant

Not compatible with:

- Mineral oil products (oils, greases and fuels)

MPN	Description	Length (m)	Diameter (mm)	Tolerance (mm)
2341547	EPDM cord, 1.0mm diameter 70 ShA	10	1.0	±0.4
2341549	EPDM cord, 1.6 mm diameter 70 ShA	10	1.6	±0.5
2341548	EPDM cord, 2.0mm diameter 70 ShA	10	2.0	±0.5
2341564	EPDM cord, 2.4mm diameter 70 ShA	10	2.4	±0.5
2341554	EPDM cord, 2.62mm diameter 70 ShA	10	2.62	±0.7
2341550	EPDM cord, 3.0mm diameter 70 ShA	10	3.0	±0.7
2341555	EPDM cord, 3.53mm diameter 70 ShA	10	3.53	±0.7
2341551	EPDM cord, 4.0mm diameter 70 ShA	10	4.0	±0.8
2341552	EPDM cord, 5.0mm diameter 70 ShA	10	5.0	±0.8
2341553	EPDM cord, 6.0mm diameter 70 ShA	10	6.0	±0.8
2341562	EPDM cord, 7.0mm diameter 70 ShA	5	7.0	±1.0
2341556	EPDM cord, 8.0mm diameter 70 ShA	5	8.0	±1.0
2341557	EPDM cord, 10mm diameter 70 ShA	5	10	±1.3
2341558	EPDM cord, 12mm diameter 70 ShA	2	12	±1.3
2341559	EPDM cord, 15mm diameter 70 ShA	2	15	±1.3
2341563	EPDM cord, 16 mm diameter 70 ShA	2	16	±1.6
2341560	EPDM cord, 17mm diameter 70 ShA	2	17	±1.6
2341561	EPDM cord, 25mm diameter 70 ShA	1	25	±2.0