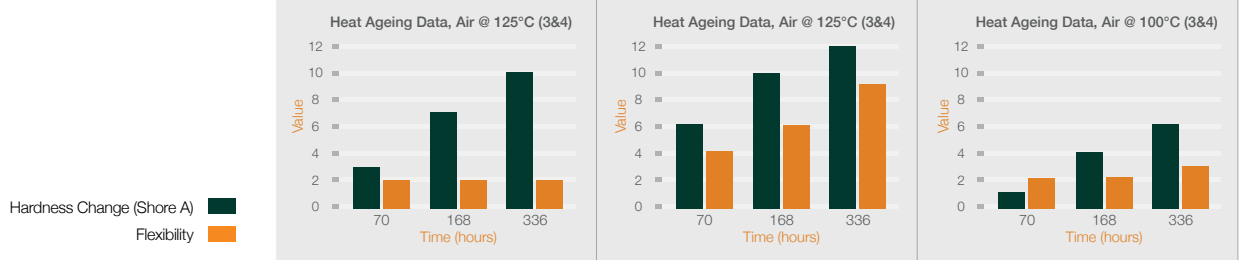
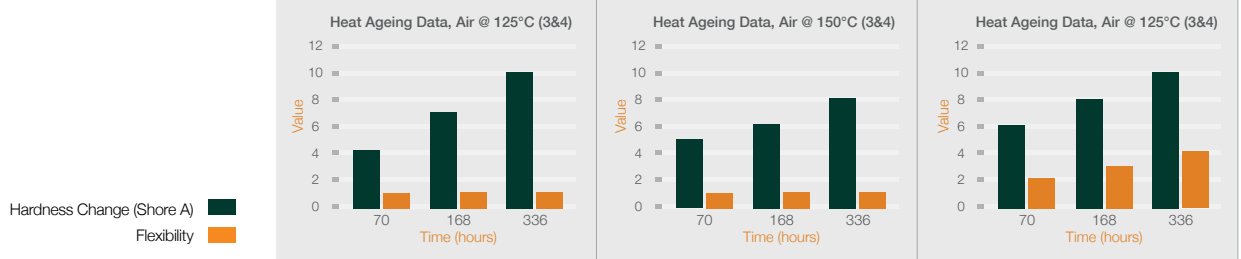


Comparison chart – Cork TD products

Material	TD1120	TD1049	TD1310
Polymer	NBR	NBR	NBR
Temperature range	-40°C to 125°C (-40°F to 257°F)	-30°C to 125°C (-4°F to 257°F)	-50°C to 110°C (-58°F to 230°F)
Stress range	2.5 to 15 MPa (360 to 2175 psi)	5.5 to 20 MPa (800 to 2900 psi)	3 to 20 MPa (435 to 2900 psi)
Compressive strength	Exceeds 70 MPa (10,000 psi)	Exceeds 70 MPa (10,000 psi)	Exceeds 70 MPa (10,000 psi)
Density (KG/M ³)	850	950	1040
Hardness (Shore A)	65	75	70
Tensile strength (MPa)	2,0	3,0	2,5
Elongation (%)	90	50	100
Volume resistivity ρ (Ω cm)	-	-	-
Fluid contact - Mineral oil	Suitable	Suitable	Suitable
Fluid contact - Natural ester oil	Suitable	Suitable	Suitable
Fluid contact - Silicone oil	Suitable	Suitable	Suitable
SF ₆ gas	Acceptable	Acceptable	Acceptable



Material	TD3510	TD7000	TD7110
Polymer	EPDM	VMQ	NBR/ECO
Temperature range	-60°C to 130°C (-76°F to 266°F)	-60°C to 175°C (-76°F to 347°F)	-35°C to 135°C (-31°F to 275°F)
Stress range	3 to 12 MPa (435 to 1740 psi)	2.6 to 12 MPa (377 to 1740 psi)	4 to 20 MPa (580 to 2900 psi)
Compressive strength	Exceeds 70 MPa (10,000 psi)	Exceeds 70 MPa (10,000 psi)	Exceeds 70 MPa (10,000 psi)
Density (KG/M ³)	1000	1100	1100
Hardness (Shore A)	65	70	75
Tensile strength (MPa)	2,5	3,0	4,5
Elongation (%)	230	100	35
Volume resistivity ρ (Ω cm)	1,84 x 10 ⁸	-	-
Fluid contact - Mineral oil	Unsuitable	Suitable	Suitable
Fluid contact - Natural ester oil	Unsuitable	Suitable	Suitable
Fluid contact - Silicone oil	Unsuitable	Unsuitable	Suitable
SF ₆ gas	Suitable	Unsuitable	Unsuitable



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