



Bonded seal materials

Polymer Base	Temperature range °C	Hardness IRHD	Dowty Compound	Applications									
				Mineral based hydraulic fluids	National water approved	Food & drug authority approved	Petrol	Mineral based engine lubricating oils	High Temp applications	Ozone resistance	High Temp steam acids & alkalis	Hot air	Polyglycol based fluids
High Nitrile	-30 to +110	70-80	5575	-			-	-					
	-30 to +110	85-95	5590	-			-	-					
	-30 to +110	65-75	0117	-		-	-	-					
Medium Nitrile	-40 to +110	65-75	4470	-				-					
	-30 to +110	85-95	4490	-				-					
	-40 to +110	65-75	2455		-	-							
Fluoro-carbon	-10 to +200	80-90	1631	-			-	-	-	-	-	-	
	-15 to +200	65-75	9707	-			-	-	-	-	-	-	
	-15 to +200	71-80	9775	-			-	-	-	-	-	-	
Fluoro-silicone	-60 to +200	55-65	8825	-			-	-		-	-	-	
Silicone	-70 to +200	65-75	8870						-	-	-		
EPDM	-50 to +120	70-80	2064						-	-	-	-	-
AFLAS	-5 to +200	76-84	2484						-	-	-	-	

Preferred compounds