

SEALMASTERS

INDUSTRIAL NON-RELEASED

ELASTOMERIC MATERIALS

The most commonly used non-released materials are the 4490 nitrile and the 9775 fluorocarbon. Combined with the 41 zinc plated mild steel metal outer ring these are the most widely stocked ranges.

| Dowty Compound Reference | APPLICATIONS | | | | | | | | | Polymer Base | Material Specification | Temperature Range °C Hardness IRHD | |
|--------------------------|--------------------------------|---------------------------------|--------------------------------|--------|-------------------------|-------------------------------|------------------|---------------------------------|---------|--------------|------------------------|--|-------------------------|
| | MINERAL BASED HYDRAULIC FLUIDS | NATIONAL WATER COUNCIL APPROVED | FOOD & DRUG AUTHORITY APPROVED | PETROL | ENGINE LUBRICATING OILS | HIGH TEMPERATURE APPLICATIONS | OZONE RESISTANCE | HIGH TEMP STEAM ACIDS & ALKALIS | HOT AIR | | | | POLYGLYCOL BASED FLUIDS |
| 5575 | • | | | • | • | | | | | | HIGH NITRILE | ASTM D2000 M2 BG710, B14, EF11, EF21 EO14, EO34, Z1, Z2, Z3 | -30 to +110 70-80 |
| 5590 | • | | | • | • | | | | | | | ASTM D2000 M6BG910 A14, B14, EO14, EO34 Z1 | -25 to +110 85-95 |
| 0117 | • | | • | • | • | | | | | | | DTD 900/4319 | -30 to +110 65-75 |
| 4470 | • | | | | • | | | | | | MEDIUM NITRILE | 1). ASTM D2000, M2BG714, B14 EA14, EF11, EF21, EO14, EO34, F17 Z and 2). ASTM D2000 M2CH714 A25, B14, EO15, EO35, F17 | -40 to +110 65-75 |
| 4490 | • | | • | | • | | | | | | | ASTM D2000 M7 BG910, B14, EA14 EF11, EF21, EO14 EO34, F16, Z1, Z2 | -30 to +110 85-95 |
| 2455 | | • | • | | | | | | | | | 1). Water Research Centre-Water Fittings Byelaw 2). BS6920:1987 3). ASTM D2000, 2MBG714, B14, EA14, FF11, EF21, EO14, EO34, F17, Z1, Z2. | -40 to +110 65-75 |
| 1631 | • | | | • | • | • | • | • | | | FLUORO-CARBON | | -10 to +225 80-90 |
| 9707 | • | | | • | • | • | • | • | | | | ASTM D2000 M6HK710 A1-10 B38, EF31, Z1, Z2 | -15 to +225 65-75 |
| 9775 | • | | | • | • | • | • | • | • | | | ASTM D2000 M6HK 810 A1-10, B38, EF31, EO88, Z1, Z2, Z3. | -15 to +225 70-80 |
| 8825 | • | | | • | • | • | • | • | • | | FLUORO-SILICONE | | -60 to +200 55-65 |
| 8870 | | | | | | • | • | • | • | | SILICONE | ASTM D2000, M5GE 706 A19, B37, EA14, EO16, EO36, F19, G11 | -60 to +200 65-75 |
| 2064 | | • | | | | • | • | • | • | • | ETHYLENE PROPYLENE | ASTM D2000, M3DA710 A26, B36, C32, EA14, F19, Z1, Z2. | -50 to +135 70-80 |
| 2484 | | | | | | • | • | • | • | | AFLAS | | -5 to +200 75-85 |
| 2471 | • | | | • | • | • | • | • | • | | HNBR | ASTM D2000, M5CH814 A25, B34, C12, EO15, EO35, F14, Z1, Z2, Z3, Z4. | -30 to +130 75-85 |