

COMPATIBILITY TABLES FOR COMMON FLUIDS, GASES , SOLIDS

| E = EXELLENT VG = VERY GOOD G = GOOD N = NOT RECOMMENDED | NBR NITRILE | FPM VITON | VMQ SILICON | EPDM ETHELENE PROPYLENE | NR NATURAL RUBBER | SBR STYRENE BUTADIENE |
|---|----------------|--------------|----------------|-------------------------------|-------------------------|-----------------------------|
| Air (above 80 C°) | N | E | E | VG | N | N |
| Air (under 80 C°) | G | E | E | E | G | G |
| Alcohols | VG | E | E | E | G | G |
| Alkalis | N | G | G | VG | G | G |
| Ammonia gas cold | VG | N | E | E | VG | G |
| Ammonia gas hot | N | N | N | G | N | N |
| Ammonia liquid anhydrous | G | N | G | VG | N | N |
| Aromatic hydrocarbons | N | E | N | N | N | N |
| Chlorinated solvents | N | E | N | N | N | N |
| Compression set | VG | N | E | G | VG | VG |
| Electrical properties | N | E | E | E | E | VG |
| Flame resistance | NO | YES | NO | NO | NO | NO |
| Hydraulic oils | E | E | E | N | N | N |
| Ketones | N | N | G | G | N | N |
| Lubricating oils | G | E | E | N | N | N |
| Max cont. temperature C° | 100 | 220 | 200 | 150 | 70 | 90 |
| Min cont. temperature C° | -30 | -20 | -50 | -50 | -40 | -40 |
| Ozone & Sunlight | N | E | E | E | G | G |
| Petrol (high octane) | N | E | N | N | N | N |
| Petrol (normal) | N | E | N | N | N | N |
| Tearing strength | G | G | N | G | E | VG |
| Vegetable oils | E | E | G | G | N | G |
| Water (above 80 C°) | N | G | E | E | N | N |
| Water (under 80 C°) | VG | E | E | E | G | VG |
| Wear resistance | G | G | G | G | E | E |

*Values are typical and general. Please contact with us before choose the material for your applications. Our e-mail : hp-seals@otenet.gr