

Materials |Elastomers

elastomers for OR-Rings, composite seals and lip seals

Click compound's code to download the .PDF data sheet. Registration required.

| Click compound's code to download the .PDF data sheet. Registration required. EIASTOMER HARDNESS TEMPERATURE HD Food Applications | | | | | | | | |
|--|--|--|---|--|--|--|--|--|
| Sh.A | RANGE °C | Slippers compound | Approvals | Applications | | | | |
| 50 60 70 75 80 85 90 | -20 +110 -20 +110 -20 +110 -20 +110 -20 +110 -25 +100 -10 +110 | N50-N050 N60-N045 N70-N003 N75-N011 N80-N046 N85-N116 N90-N047 | | Hydraulic oil, water up to 90°C, air up to 100°C, non-aromatic hydrocarbons, glycol and water/glycol mixtures | | | | |
| 70 75 | -20 +110 | N70-N049 N70-N028 | | As above along with a very low Compression Set. For non dynamic use only | | | | |
| 70 60 | -30 +100 -40 +110 | N70-N041 N60-N045 | | Ample temperature resistance range and very low Compression Set | | | | |
| 75 | -20 +110 | N75-N108 | | Hydraulic oil, water up to 90°C, air up to 100°C, non-aromatic hydrocarbons, glycol and water/glycol mixtures when anti-adhesive properties are requested | | | | |
| 85 | -22 + 100 | N85-B115 | FDA | FDA approved for food processing, pharmaceuticals and cosmetics | | | | |
| 70 85 | -25 +150 -25 +150 | H70-N040 H85-N120 | | An even greater chemical resistance range in comparison to the normal NBR | | | | |
| 90 90 | -40 +150 -20 +150 | H90-N206 H90-N207 | NORSOK | Resistance to explosive decompression | | | | |
| 95 | -40 +100 | P95-N027 | | Thermoplastic Wear and hydraulic oil resistant, suitable for very high pressures | | | | |
| 70 75 90 | -17 +230 -17 +230 -17 +230 | V70-N006 V75-N037 V90-N010 | | High temperatures, aggressive chemicals, hydrocarbons, petrol, phosphoric esters, chlorinated hydrocarbons, high vacuum | | | | |
| 75 | -17 +230 | V75-N068 | | As above along with an improved resistance to aliphatic and aromatic hydrocarbons and ketones | | | | |
| 75 | -35 +230 | V75-N078 | | Low temperatures, methane and LPG | | | | |
| 85 85 | -15 +210 -20 +210 | V85-N137 V85-M178 | | Brake fluids, Sour Gas, Acids, Hydraulic oil and oils with aminic additives | | | | |
| 70 | -10 +300 | VF70-N132 | | Amines and aromatic solvents at high temperature | | | | |
| 75 | -10 +260 -10 +330 | VF75-N122 VF75-N123 | | Resistant to most chemical agents and steam | | | | |
| 75 85 | -10 +260 | VF75-B130 V85-M152 | FDA | Food and Drug | | | | |
| 90 | -10 +250 | VF90-N124 | | Resistant to most chemical agents, steam and explosive decompression | | | | |
| | HARDNESS Sh.A 50 600 770 775 80 85 90 70 75 85 85 85 70 75 85 85 70 75 85 85 85 | HARDNESS Sh.A PEMPERATURE RANGE C C Sh.A Sh.A PANGE C C Sh.A PANGE C C Sh.A PANGE C C Sh.A PANGE C C PANGE C C PANGE PANGE C C PANGE PANGE C C PANGE P | HARDNESS Sh.A TEMPERATURE RANGE PANGE (C) HD Slippers compound 50 -20 +110 N50-N050 60 -20 +110 N70-N003 75 -20 +110 N75-N011 80 -20 +110 N75-N011 80 -20 +110 N80-N046 85 -25 +100 N85-N116 90 -10 +110 N90-N047 70 -20 +110 N70-N049 75 -20 +110 N70-N049 75 -20 +110 N70-N049 75 -30 +100 N70-N049 75 -20 +110 N75-N049 85 -22 +100 N85-B115 70 -30 +100 N75-N108 85 -22 +100 N85-B115 70 -25 +150 H70-N040 85 -25 +150 H90-N206 90 -40 +150 H90-N207 95 -40 +100 P95-N027 70 -17 +230 V75-N037 90 -17 +230 V75-N038 | HARDNESS Sh.A TEMPERATURE RANGE HD Slippers compound Food Approvals 50 -20 +110 N50-N050 Approvals 60 -20 +110 N50-N050 Approvals 70 -20 +110 N70-N003 N75-N011 80 -20 +110 N75-N011 N80-N046 85 -25 +100 N85-N116 N90-N047 70 -20 +110 N70-N049 N70-N028 70 -30 +100 N70-N041 N70-N028 70 -30 +100 N70-N045 N75-N108 85 -22 + 100 N85-B115 FDA 90 -40 +150 H90-N206 NORSOK 90 -40 +150 H90-N206 NORSOK 70 -17 +230 V75-N068 75 -17 +230 < | | | | |



| Propylene-Ethylene EPDM | 70 80 | -50 +150 -50 +150 | E70-N052 E80-N053 | | Brake fluid, Phosphoric esters, diluted alkali, ketones, alcohols, water and steam up to 150°C | | | |
|--|----------|----------------------|----------------------|------------|--|--|--|--|
| | 85 | -50 +130 | E85-N118 | | Phosphoric esters, diluted alkali, ketones, alcohols,vine, water and steam up to 150°C | | | |
| | 70 85 | -50 +150 -50 +100 | E70-N110 E85-B134 | FDA FDA | Food and Drugs | | | |
| | 85 | -45 +120 | E85-N219 | KTW | Drinkable Water | | | |
| Chloroprene CR | 70 | -50 +150 | C70-N054 | | Refrigerant gases, oils with a high aniline point, optimum resistance to atmospherical agents | | | |
| Silicone MVQ | 70 | -65 +230 | S70-R030 | | Extreme temperatures, air and gas, oils with a high aniline point | | | |
| | 70 85 | -50 +200 -55 +210 | S70-R159 S85-R119 | FDA FDA | Extreme temperatures, air and gas. Food and Drugs, FDA 177.2600 | | | |
| Fluoro-Silicone MFQ | 70 | -65 +175 | L70-A048 | | Ample resistance to temperature, hydraulic oil, skydrol, hydrocarbons and gases | | | |
| Non Standard Compounds and/or colors available on demand | | | | | | | | |