



































MATERIAL SPECIFICATION

| Description | | Application temp. | Hardn. at 20°C | Main Application |
|-------------|--|-------------------|-----------------|---|
| NEW | PU turquoise U230-T95  | -30 to + 105°C | Shore A 95 +/-2 | Wiper rings, U-Rings and other seals Compressed air, Hydraulic oil, Water, Hydrolysis resistance |
| NEW | PU red U500-R95  | -30 to + 125°C | Shore A 95 +/-2 | U-seal, Wipers, Packing up to 400 bar. resistant with Water, Sea Water, Mineral & silicone Oil, Fuel, Acids, Bases, Ozone, Air up to 120c, Used in Mining Industry |
| | PU red U203-R95  | -30 to + 105°C | Shore A 95 +/-2 | Wiper rings, U-Rings and other seals Compressed air, Hydraulic oil, Water, Hydrolysis resistance |
| | PU blue U203-B95  | -30 to + 105°C | Shore A 95 +/-2 | Wiper rings, U-Rings and other seals Compressed air, Hydraulic oil, Water, Hydrolysis resistance |
| | PU green U203-G95  | -30 to + 105°C | Shore A 95 +/-2 | Wiper rings, U-Rings and other seals Compressed air, Hydraulic oil, Water, Hydrolysis resistance |
| | PU FDA light blue U203-B95  | -30 to + 105°C | Shore A 95 +/-2 | Wiper rings, U-Rings and other seals Compressed air, Mineral oil, Water, Resistant against hydrolysis |
| | PU FDA natural U203-95FDA  | -30 to + 100°C | Shore A 95 +/-2 | Wiper rings, U-Rings and other seals Food industry, Contact with food, Hydrolysis resistance |
| | PU MoS ₂ grey U203-GM95  | -30 to + 105°C | Shore A 95 +/-2 | Wiper rings, U-Rings and other seals Compressed air, Hydraulic oil, Water, Hydrolysis resistance, for heavy duty applications |
| NEW | PU Low Temp. (FDA) Dark Blue U203-B95-LT  | -50 to + 105°C | Shore A 95 +/-2 | Wiper rings, U-rings and other Seals, Food industry, Hydrolysis resistance. Maintain chemical resistances and Mechanical Properties at very low temp. (-50C) For both static & dynamic applications. |
| | PU 57 Shore D dark blue U203-D57  | -30 to + 90°C | Shore D 57 +/-2 | Backup-rings or composite seals with preload elements, Compressed air, Oil, Water, resistant against hydrolysis |
| | PU 57 Shore D + MoS ₂ grey U203-D57G  | -30 to + 90°C | Shore D 57 +/-2 | Backup-rings or composite seals with preload elements, Compressed air, Oil, Water, resistant against hydrolysis |
| | NBR black N107-B85  | -25 to + 100°C | Shore A 85 +/-5 | Wiper rings, U-Rings and other seals, Compressed air, Hydraulic oil, Water |
| | NBR 95 black N109-B95  | -25 to + 100°C | Shore A 95 +/-5 | Wiper rings, U-Rings and other seals, Compressed air, Hydraulic oil, Water |
| | NBR FDA white N111-W85  | -22 to + 100°C | Shore A 85 +/-3 | Wiper rings, U-Rings and other seals, Compressed air, Mineral oil, Water, Food Industry |
| | H-NBR black HN112-B85  | -25 to + 150°C | Shore A 85 +/-5 | Wiper rings, U-Rings and other seals Compressed air, Hydraulic oil, Water |
| NEW | H-NBR RGD black HN900-B85-RGD  | -20 to + 150°C | Shore A 85 +/-5 | Static & dynamic seals, O-Rings, flange seals, for oil and gas industry, high gas pressure, excellent chemical resistance : oil, fuel, hydrocarbons, Hydrogen sulphide, steam up to 140C, ozone, compound passed (RGD) at MERL UK |
| NEW | H-NBR RGD LT black HN901-B85-RGD  | -35 to + 150°C | Shore A 85 +/-5 | Static & dynamic seals, O-Rings flange seals, for oil and gas industry, high gas pressure, excellent chemical resistance : oil, fuel, hydrocarbons, Hydrogen sulphide, steam up to 140C, ozone, compound passed (RGD) at MERL UK |
| | FPM brown F109-BR85 | -20 to + 210°C | Shore A 85 +/-5 | Wiper rings, U-Rings and other seals high temperatures and aggressive media applications |

MATERIAL SPECIFICATION

| Description | | Application temp. | Hardn. at 20°C | Main Application |
|-------------|--|-------------------|----------------------|---|
| | FPM FDA brown F110-BR85  | -20 to + 210°C | Shore A 85 +/-5 | Wiper rings, U-Rings and other seals, high temperatures and aggressive media applications |
| | FPM black F111-B85  | -25 to + 210°C | Shore A 85 +/-5 | Wiper rings, U-Rings and other seals high temperatures and aggressive media applications |
| NEW | FPM-RGD black F800-RGD  | -35 to + 200°C | Shore A 85 +/-5 | Static & dynamic seals, O-Rings, flange seals, for oil and gas industry, high gas pressure, excellent chemical resistance : oil, fuel, hydrocarbons, hydrogen sulphide, ozone, compound passed (RGD) at MERL UK |
| | EPDM black E131-B85  | -50 to + 130°C | Shore A 85 +/-5 | Wiper rings, U-Rings and other seals, diluted acids and alkaline, hot water & steam, EPDM is not resistant against mineral oil |
| | EPDM FDA white E132-W85  | -50 to + 100°C | Shore A 85 +/-3 | Food industry Wiper rings, U-Rings and other seals diluted acids and alkaline, hot water & steam, EPDM is not resistant against mineral oil |
| | EPDM-KTW black E133-W270  | -45 to + 120 C | Shore A 85 +/-5 | Wiper rings, U-rings and other seals deluted acids and alkaline, hot water & steam, not resistant against mineral-vegetable-animal oil |
| | Silicone FDA red S102-R85  | -55 to +210°C | Shore A 85 +/-5 | Food Industry, Flange seals, gaskets and other static seals, Not recommended for dynamic applications |
| | Silicone FDA blue S103-BL85  | -55 to +180°C | Shore A 85 +/- 3 | Food Industry, Flange seals, gaskets and other static seals, Not recommended for dynamic applications |
| | AFLAS black AF101-B85  | -15 to +180°C | Shore A 85 +/- 5 | Wiper rings, U-Rings and other seals brake fluids, sour oil and gas, amines hot water & steam, high electrical insulation |
| | PTFE-F grey T105-G  | -200 to +260°C | Shore D 55 – 64 | Backup & Guide rings, Spring loaded seals, Composite seals, Glass fiber / MoS ₂ reinforced |
| | PTFE-P FDA white T101-W  | -200 to +260°C | Shore D 51 – 60 | Backup & Guide rings, Spring loaded seals Composite seals, low friction, food industry, excellent chemical resistance |
| | PTFE - 40%Bronze brown T110-BR40  | -200 to +260°C | Shore D 62 – 67 | Backup & Guide rings, Spring loaded seals, Composite seals with elastomer preload elements, low friction |
| | PTFE - 40%Bronze blue T115-BR40  | -200 to +260°C | Shore D 62 – 67 | Backup & Guide rings, Spring loaded seals, Composite seals with elastomer preload elements, low friction |
| | PTFE - 60%Bronze brown T120-BR60  | -200 to +260°C | Shore D 65 – 70 | Backup & Guide rings, Spring loaded seals, Composite seals, low friction |
| | PTFE - 25%Carbon grey T125-C25  | -200 to +260°C | Shore D 62 - 67 | Backup & Guide rings, Spring loaded seals, Composite seals, low friction |
| | POM FDA white P101-WE  | -60 to +100°C | - | Backup and Guide rings, machined parts |
| | PA FDA natural A112-WC  | -30 to +105°C | - | Backup and Guide rings, machined parts |
| | PEEK PK100-CN(FDA) brown-beige (natural) | -50 to +310°C | Shore D90 | Guide rings, bushings, back-up rings, scrapers, housings, high precision parts |
| NEW | UHMW-PE (FDA) Translucent white UHMW - PE 1000 | -200 to + 80°C | Shore D60 to 65 +/-5 | Piston/rod seals with spring, back-up rings, special seals in water hydraulics, low temp. & low friction, excellent chemical & sliding, food industry (contact with food) |