



Rubber Line

International ID	NR	SBR	IIR	EPD	VMQ	FVMQ	CR	NBR	HNBR	Unit		
Hardness, Shore A	30-90	35-95	30-80	M 30-90	20- 30	30-80	25-90	30-95	45-98			
Mechanical characteristics at room temp.	Tensile strength	6	5	4	3	3	5	5	6	N/mm2		
	Elongation at break	6	5	6	5	5	4-5	5	5	%		
	Resilience	6	4	1	5	5	2-3	4	3	%		
	Tear strength	5	4	4	4	4	3	5	4	N/mm2		
	Abrasion resistance	5	5	3	2	2	2	4	5	6	mm3	
	Compr. set	@ high temp	2-3	3	5	6	6	6	3	4	5	%
		@ low temp	5	4	5	6	6	6	3	3	3	%
Therm. stability	Flexibility at low temp.	5	4	5	6	6	5	4	3	4	Note	
	Heat resistance	1	2	3	6	6	5-6	3	3	5	Note	
Resistance (to) Vol. %	Gasoline	1	2	2	1	2	5	4	5	4	Vol.%	
	Mineral oil (at 100°C)	1	2	1	5	5	5-6	4	6	5	Vol.%	
	Acids (25% H2SO4@50°C)	3	3	6	3	3	4-5	5	5	6	Vol.%	
	Alkaline (50% NaOH@50°C)	5	5	6	2	2	4	5	1	4-5	Vol.%	
	Water (at 100°C)	2	2	5	5	5	5	4	5	6	Vol.%	
	Weather and ozone	3	3	4	6	6	6	5	2	6	Note	
	Light	3	3	4	6	6	6	4	3	6	Note	
	Impervious to gas	2	3	6	1	1	4	4	5	5	Note	

Description

- Customized rubber parts
- Use of base material in accordance to application requirements
- Liquid injection and compression moulding
- Grommets, seals, gaskets, plunger and moulded components with or without adhesives
- For special requirements see Lubricated Seals



Advantages

- One preferred partner for plastic, rubber and silicone
- Assemblies possible, Integration into housing etc
- High quality tool shop



Applications

- Seals / Gaskets
- Grommets
- Plungers & Bumpers
- Other moulded components



Key Tech. Data

- NR - Natural Rubber
- SBR - Styrol-Butadien Rubber
- NBR - Nitrile-Butadiene RubberCR
- EPDM - Ethylen-Propylen-Diem Rubber
- IIR - Isobutylene-Isoprene Rubber
- CR - Chloroprene Rubber
- HNBR - Hydro-Nitrile-Butadien Rubber
- VMQ - Silicone Rubber
- FVMQ - Fluor-Silicone Rubber



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